

## SCORE OVER LENGTH SEARCHES

Attached is a score over length search. This search was developed to overcome limitations in most standard search systems which favor large sequences with high scoring, but lesser overall identity over smaller sequences with higher overall identity. This search is especially useful for relatively small nucleic acid or polypeptide target sequences (antisense, fragments, probes, primers, RNAi, epitopes, haptens, etc.) claimed functionally via a form of hybridization and/or identity language and having defined upper and lower polynucleotide and or polypeptide length limits.

The score over length search is performed by first running the query sequence using examiner-specified identity and polynucleotide or protein length limit parameters, and saving 65,000 hits and 0 alignments from each desired database. The resulting output is reformatted using a Microsoft Word macro and is imported into Excel. The summary table data are then sorted by the ratio of score of each hit sequence divided by its length and the accession numbers for all hits below the examiner's desired score over length parameters are deleted. The remaining accession numbers are used to pull the corresponding sequences from the databases into subdatabases enriched for good hits and the query sequence is re-run against these subdatabases to yield the final results.

The score over length cutoff for this search is 70%.

Examiner Please Note: This cover sheet should be included when submitting results to be scanned.

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 12:09:57 ; Search time 81 Seconds  
(without alignments)  
3.360 Million cell updates/sec

Title: US-10-630-401-10

Perfect score: 3799

Sequence: 1 aagatggcacagggtgtg.....gacacctgtgtgtaacctg 3799

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 1783 seqs, 35816 residues

Total number of hits satisfying chosen parameters: 3566

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1223 summaries

Database : rni10.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	36.4	1.0	48	1	US-09-443-199C-1017
2	35.6	0.9	50	1	US-08-222-177A-95
3	35.6	0.9	50	1	US-08-222-177A-186
4	34.8	0.9	48	1	US-09-443-199C-1018
5	34.6	0.9	46	1	US-08-222-177A-346
6	34.4	0.9	44	1	US-08-222-177A-249
7	34.4	0.9	44	1	US-09-443-199C-1019
8	34.2	0.9	42	1	US-08-222-177A-53
9	34.2	0.9	47	1	US-08-222-177A-83
10	34.2	0.9	47	1	US-08-222-177A-92
11	34.2	0.9	47	1	US-08-222-177A-221
12	33.8	0.9	38	1	US-08-222-177A-198
13	33.8	0.9	38	1	US-08-222-177A-397
14	33.8	0.9	39	1	US-08-222-177A-137
15	33.8	0.9	40	1	US-08-222-177A-119
16	33.8	0.9	40	1	US-08-222-177A-400
17	33.8	0.9	40	1	US-08-222-177A-403
18	33.8	0.9	41	1	US-08-222-177A-74
19	33.8	0.9	41	1	US-08-222-177A-183
20	33.8	0.9	41	1	US-08-222-177A-232
21	33.8	0.9	42	1	US-08-222-177A-229
22	33.8	0.9	43	1	US-08-222-177A-388
23	33.8	0.9	44	1	US-08-222-177A-195
24	33.8	0.9	44	1	US-08-222-177A-241
25	33.8	0.9	46	1	US-08-222-177A-71
26	33.8	0.9	46	1	US-08-222-177A-101
27	33.8	0.9	46	1	US-08-222-177A-266
28	33.6	0.9	45	1	US-08-222-177A-324
29	33.4	0.9	35	1	US-08-222-177A-77
30	33	0.9	41	1	US-09-144-367-46
31	32.8	0.9	36	1	US-08-222-177A-104
32	32.8	0.9	36	1	US-08-222-177A-358
33	32.8	0.9	37	1	US-08-222-177A-140
34	32.8	0.9	34	1	US-09-443-199C-1020
35	32.8	0.9	34	1	US-08-222-177A-203
36	32.4	0.9	35	1	US-08-222-177A-180
37	32.4	0.9	35	1	US-08-222-177A-189
38	32.2	0.8	38	1	US-08-222-177A-68
39	32.2	0.8	39	1	US-08-222-177A-86
40	32.2	0.8	40	1	US-08-222-177A-152
41	32.2	0.8	40	1	US-08-222-177A-175
42	32.2	0.8	42	1	US-08-222-177A-334
43	32.2	0.8	45	1	US-08-222-177A-157
44	32	0.8	39	1	US-08-471-570-15
45	31.4	0.8	33	1	US-08-222-177A-59
46	31.4	0.8	33	1	US-08-222-177A-218
47	31.4	0.8	33	1	US-09-383-630-13
48	31.4	0.8	34	1	US-08-222-177A-110
49	31.4	0.8	34	1	US-08-222-177A-172
50	31.4	0.8	34	1	US-08-222-177A-192
51	31.4	0.8	34	1	US-08-222-177A-322
52	31.4	0.8	43	1	US-08-222-177A-370
53	30.8	0.8	42	1	US-08-222-177A-343
54	30.6	0.8	42	1	US-08-676-279-32
55	30.4	0.8	32	1	US-08-222-177A-210
56	30.4	0.8	32	1	US-08-222-177A-376
57	30.4	0.8	42	1	US-08-222-177A-340
58	29.4	0.8	31	1	US-08-222-177A-215
59	29.4	0.8	31	1	US-08-222-177A-235
60	29.4	0.8	31	1	US-08-222-177A-271
61	29.4	0.8	41	1	US-08-222-177A-352
62	29.4	0.8	41	1	US-08-222-177A-355
63	29	0.8	39	1	US-08-222-177A-331
64	28.8	0.8	32	1	US-08-222-177A-406
65	28.4	0.7	30	1	US-08-222-177A-373
66	27.4	0.7	29	1	US-08-455-627-25
67	27.4	0.7	29	1	US-08-222-177A-80
68	27.4	0.7	29	1	US-08-222-177A-238
69	27.4	0.7	29	1	US-08-689-856-25
70	26.4	0.7	28	1	US-08-222-177A-451
71	26	0.7	34	1	US-08-676-279-33
72	25.4	0.7	27	1	US-08-455-627-23
73	25.4	0.7	27	1	US-08-222-177A-143
74	25.4	0.7	27	1	US-08-689-856-23
75	25.4	0.7	27	1	US-08-787-321-23
76	25.2	0.7	30	1	US-08-222-177A-415
77	23.6	0.6	30	1	US-07-997-133-4
78	23.6	0.6	30	1	US-07-997-133-4
79	23.4	0.6	25	1	US-08-222-177A-146
80	23.4	0.6	33	1	US-08-222-177A-312
81	22.4	0.6	24	1	US-08-222-177A-445
82	22.4	0.6	32	1	US-09-383-630-12
83	22	0.6	22	1	US-09-099-749-8
84	22	0.6	22	1	US-09-425-462-21
85	22	0.6	22	1	US-09-425-462-22
86	22	0.6	28	1	US-07-631-717A-5
87	22	0.6	28	1	US-08-166-717D-5
88	21.4	0.6	23	1	US-08-222-177A-454
89	21.4	0.6	23	1	US-08-787-321-22
90	21	0.6	21	1	US-09-099-749-7
91	21	0.6	30	1	US-08-859-998-172
92	21	0.6	30	1	US-09-225-928-172
93	21	0.6	30	1	US-09-225-201B-172
94	20.6	0.5	27	1	US-08-469-802B-18
95	20.6	0.5	27	1	US-08-267-803B-36
96	20.4	0.5	22	1	US-08-222-177A-135
97	20.4	0.5	26	1	PCT-US92-10792-45
98	20	0.5	28	1	US-08-915-609-2
99	19.8	0.5	26	1	US-08-859-998-1107
100	19.8	0.5	26	1	US-09-225-928-1107
101	19.8	0.5	26	1	US-09-225-201B-1107
102	19.8	0.5	27	1	US-08-915-609-1
103	19.6	0.5	28	1	US-08-859-998-350
104	19.6	0.5	28	1	US-09-225-928-350
105	19.6	0.5	28	1	US-09-225-201B-350
106	19.4	0.5	21	1	US-08-222-177A-160
					Sequence 1020, App
					Sequence 203, App
					Sequence 180, App
					Sequence 189, App
					Sequence 68, Appl
					Sequence 85, Appl
					Sequence 152, App
					Sequence 175, App
					Sequence 157, App
					Sequence 15, Appl
					Sequence 59, Appl
					Sequence 218, App
					Sequence 13, Appl
					Sequence 110, App
					Sequence 172, App
					Sequence 192, App
					Sequence 322, App
					Sequence 370, App
					Sequence 343, App
					Sequence 32, Appl
					Sequence 210, App
					Sequence 376, App
					Sequence 340, App
					Sequence 215, App
					Sequence 235, App
					Sequence 271, App
					Sequence 352, App
					Sequence 355, App
					Sequence 331, App
					Sequence 406, App
					Sequence 373, App
					Sequence 25, Appl
					Sequence 80, Appl
					Sequence 238, App
					Sequence 25, Appl
					Sequence 451, App
					Sequence 33, Appl
					Sequence 23, Appl
					Sequence 143, App
					Sequence 23, Appl
					Sequence 23, Appl
					Sequence 415, App
					Sequence 4, Appl
					Sequence 4, Appl
					Sequence 146, App
					Sequence 312, App
					Sequence 445, App
					Sequence 12, Appl
					Sequence 8, Appl
					Sequence 21, Appl
					Sequence 22, Appl
					Sequence 5, Appl
					Sequence 5, Appl
					Sequence 454, App
					Sequence 22, Appl
					Sequence 7, Appl
					Sequence 172, App
					Sequence 172, App
					Sequence 19, Appl
					Sequence 36, Appl
					Sequence 125, App
					Sequence 45, Appl
					Sequence 2, Appl
					Sequence 1107, App
					Sequence 1107, App
					Sequence 1, Appl
					Sequence 350, App
					Sequence 350, App
					Sequence 160, App

107	19.4	0.5	21	1	US-08-471-570-16	Sequence 16, Appl	180	17.2	0.5	24	1	US-08-465-368-7	Sequence 7, Appl
108	19.4	0.5	21	1	US-08-529-878B-9	Sequence 9, Appl	181	17.2	0.5	24	1	US-08-465-368-9	Sequence 9, Appl
109	19.4	0.5	26	1	US-09-014-241-15	Sequence 15, Appl	182	17.2	0.5	24	1	US-08-477-306-7	Sequence 7, Appl
110	19.4	0.5	26	1	PCT-US92-10792-44	Sequence 44, Appl	183	17.2	0.5	24	1	US-08-477-306-9	Sequence 9, Appl
111	19	0.5	24	1	US-09-140-378A-3	Sequence 3, Appl	184	17.2	0.5	24	1	US-08-700-448-7	Sequence 7, Appl
112	18.8	0.5	24	1	US-08-478-470-7	Sequence 7, Appl	185	17.2	0.5	24	1	US-08-700-448-9	Sequence 9, Appl
113	18.8	0.5	24	1	US-08-478-470-9	Sequence 9, Appl	186	17.2	0.5	24	1	US-08-923-386A-7	Sequence 7, Appl
114	18.8	0.5	24	1	US-08-214-599-7	Sequence 7, Appl	187	17.2	0.5	24	1	US-08-923-386A-9	Sequence 9, Appl
115	18.8	0.5	24	1	US-08-214-599-9	Sequence 9, Appl	188	17	0.4	17	1	US-09-383-630-10	Sequence 10, Appl
116	18.8	0.5	24	1	US-08-473-015-7	Sequence 7, Appl	189	17	0.4	17	1	US-09-383-630-18	Sequence 18, Appl
117	18.8	0.5	24	1	US-08-473-015-9	Sequence 9, Appl	190	17	0.4	17	1	US-09-958-221A-18	Sequence 18, Appl
118	18.8	0.5	24	1	US-08-465-368-7	Sequence 7, Appl	191	17	0.4	18	1	US-09-958-221A-20	Sequence 20, Appl
119	18.8	0.5	24	1	US-08-465-368-9	Sequence 9, Appl	192	17	0.4	18	1	US-08-734-973-2	Sequence 2, Appl
120	18.8	0.5	24	1	US-08-477-306-7	Sequence 7, Appl	193	17	0.4	18	1	US-08-734-973-6	Sequence 6, Appl
121	18.8	0.5	24	1	US-08-477-306-9	Sequence 9, Appl	194	17	0.4	18	1	US-08-734-973-7	Sequence 7, Appl
122	18.8	0.5	24	1	US-08-692-787-71	Sequence 71, Appl	195	17	0.4	18	1	US-08-734-973-8	Sequence 8, Appl
123	18.8	0.5	24	1	US-08-700-448-7	Sequence 7, Appl	196	17	0.4	18	1	US-08-734-973-30	Sequence 30, Appl
124	18.8	0.5	24	1	US-08-700-448-9	Sequence 9, Appl	197	17	0.4	18	1	US-08-734-973-31	Sequence 31, Appl
125	18.8	0.5	24	1	US-08-923-386A-7	Sequence 7, Appl	198	17	0.4	18	1	US-08-734-973-32	Sequence 32, Appl
126	18.8	0.5	24	1	US-08-923-386A-9	Sequence 9, Appl	199	17	0.4	18	1	US-08-700-530-1	Sequence 1, Appl
127	18.8	0.5	24	1	US-09-097-199-71	Sequence 71, Appl	200	17	0.4	18	1	US-08-700-530-2	Sequence 2, Appl
128	18.6	0.5	20	1	US-09-277-078-39	Sequence 39, Appl	201	17	0.4	18	1	US-08-976-427-28	Sequence 28, Appl
129	18.6	0.5	25	1	US-08-678-039A-3	Sequence 3, Appl	202	17	0.4	24	1	US-09-648-312-28	Sequence 36, Appl
130	18.6	0.5	25	1	US-09-827-998-1207	Sequence 1207, Ap	203	17	0.4	24	1	PCT-US94-05085A-36	Sequence 36, Appl
131	18.4	0.5	20	1	US-08-863-639A-32	Sequence 32, Appl	204	16.8	0.4	20	1	PCT-US94-05085A-20	Sequence 20, Appl
132	18.4	0.5	20	1	US-09-407-675-5	Sequence 5, Appl	205	16.8	0.4	20	1	US-08-014-943A-20	Sequence 8, Appl
133	18.4	0.5	20	1	US-09-488-671-88	Sequence 8, Appl	206	16.8	0.4	20	1	US-08-478-470-8	Sequence 8, Appl
134	18.4	0.5	20	1	US-09-180-903-8	Sequence 8, Appl	207	16.8	0.4	20	1	US-08-478-470-8	Sequence 8, Appl
135	18	0.5	18	1	US-08-734-973-29	Sequence 29, Appl	208	16.8	0.4	20	1	US-08-214-599-8	Sequence 8, Appl
136	18	0.5	18	1	US-09-383-630-11	Sequence 11, Appl	209	16.8	0.4	20	1	US-08-214-599-8	Sequence 8, Appl
137	17.8	0.5	21	1	US-08-136-118-10	Sequence 10, Appl	210	16.8	0.4	20	1	US-08-473-015-8	Sequence 8, Appl
138	17.8	0.5	24	1	US-08-529-1908-10	Sequence 10, Appl	211	16.8	0.4	20	1	US-08-473-015-8	Sequence 8, Appl
139	17.6	0.5	24	1	US-09-449-632-17	Sequence 17, Appl	212	16.8	0.4	20	1	US-08-486-421-19	Sequence 19, Appl
140	17.6	0.5	25	1	US-08-678-039A-4	Sequence 4, Appl	213	16.8	0.4	20	1	US-08-465-368-8	Sequence 8, Appl
141	17.6	0.5	25	1	US-09-827-998-1204	Sequence 1204, Ap	214	16.8	0.4	20	1	US-08-465-368-8	Sequence 8, Appl
142	17.6	0.5	25	1	US-09-827-998-1205	Sequence 1205, Ap	215	16.8	0.4	20	1	US-08-470-911-19	Sequence 19, Appl
143	17.6	0.5	25	1	US-09-827-998-1206	Sequence 1206, Ap	216	16.8	0.4	20	1	US-08-477-306-8	Sequence 8, Appl
144	17.6	0.5	25	1	US-09-827-998-1208	Sequence 1208, Ap	217	16.8	0.4	20	1	US-08-486-809-19	Sequence 19, Appl
145	17.4	0.5	19	1	US-08-222-177A-442	Sequence 442, App	218	16.8	0.4	20	1	US-08-700-448-8	Sequence 8, Appl
146	17.4	0.5	19	1	US-08-315-609-3	Sequence 3, Appl	219	16.8	0.4	20	1	US-08-700-448-8	Sequence 8, Appl
147	17.4	0.5	19	1	US-08-915-609-4	Sequence 4, Appl	220	16.8	0.4	20	1	US-08-923-386A-8	Sequence 8, Appl
148	17.4	0.5	19	1	US-09-696-791-3392	Sequence 3392, Ap	221	16.8	0.4	20	1	US-08-923-386A-8	Sequence 8, Appl
149	17.4	0.5	20	1	US-08-427-863-7	Sequence 7, Appl	222	16.8	0.4	20	1	US-09-517-584A-66	Sequence 66, Appl
150	17.4	0.5	20	1	US-08-427-863-7	Sequence 7, Appl	223	16.8	0.4	20	1	US-09-277-078-40	Sequence 40, Appl
151	17.4	0.5	20	1	US-08-763-417-6	Sequence 6, Appl	224	16.8	0.4	20	1	US-09-716-161A-33	Sequence 33, Appl
152	17.4	0.5	20	1	US-08-763-417-6	Sequence 6, Appl	225	16.8	0.4	20	1	US-09-475-947A-337	Sequence 337, App
153	17.4	0.5	20	1	US-08-763-417-6	Sequence 6, Appl	226	16.8	0.4	21	1	US-08-171-718-11	Sequence 11, Appl
154	17.4	0.5	20	1	US-08-488-671-120	Sequence 120, App	227	16.8	0.4	21	1	US-08-403-888A-42	Sequence 42, Appl
155	17.4	0.5	20	1	PCT-US94-06799-6	Sequence 6, Appl	228	16.8	0.4	21	1	US-08-478-087-11	Sequence 11, Appl
156	17.4	0.5	21	1	US-09-314-246-1	Sequence 1, Appl	229	16.8	0.4	21	1	US-08-150-204E-22	Sequence 22, Appl
157	17.4	0.5	21	1	US-09-314-246-2	Sequence 2, Appl	230	16.8	0.4	21	1	US-08-483-511-60	Sequence 60, Appl
158	17.4	0.5	30	1	US-09-725-265-4	Sequence 4, Appl	231	16.8	0.4	24	1	US-08-529-1908-8	Sequence 8, Appl
159	17.4	0.5	30	1	US-09-725-265-10	Sequence 10, Appl	232	16.8	0.4	24	1	US-08-529-1908-13	Sequence 13, Appl
160	17.4	0.5	30	1	US-09-556-127-4	Sequence 4, Appl	233	16.6	0.4	23	1	US-09-429-499-14	Sequence 14, Appl
161	17.4	0.5	30	1	US-09-556-127-10	Sequence 10, Appl	234	16.6	0.4	23	1	US-08-612-973-106	Sequence 106, App
162	17.2	0.5	22	1	US-09-099-749-3	Sequence 3, Appl	235	16.6	0.4	23	1	US-08-927-597-106	Sequence 106, App
163	17.2	0.5	23	1	US-08-211-202-32	Sequence 32, Appl	236	16.6	0.4	23	1	US-09-600-828A-6	Sequence 6, Appl
164	17.2	0.5	23	1	US-08-222-616-2	Sequence 2, Appl	237	16.4	0.4	18	1	US-08-734-973-1	Sequence 1, Appl
165	17.2	0.5	23	1	US-08-307-619-12	Sequence 12, Appl	238	16.4	0.4	18	1	US-09-475-947A-104	Sequence 104, App
166	17.2	0.5	23	1	US-08-350-260A-58	Sequence 58, Appl	239	16.4	0.4	18	1	US-09-433-699-42	Sequence 42, Appl
167	17.2	0.5	23	1	US-09-050-783-12	Sequence 12, Appl	240	16.4	0.4	20	1	US-09-068-506-17	Sequence 17, Appl
168	17.2	0.5	23	1	US-08-446-648-2	Sequence 2, Appl	241	16.4	0.4	20	1	US-09-967-655-59	Sequence 59, Appl
169	17.2	0.5	23	1	US-10-067-443-35	Sequence 35, Appl	242	16.4	0.4	20	1	US-09-526-193A-205	Sequence 205, App
170	17.2	0.5	23	1	US-10-153-064-35	Sequence 2, Appl	243	16.4	0.4	21	1	US-09-526-193A-205	Sequence 5, Appl
171	17.2	0.5	23	1	US-09-982-610-2	Sequence 2, Appl	244	16.4	0.4	21	1	US-09-756-301B-28	Sequence 28, Appl
172	17.2	0.5	23	1	PCT-US95-04228-2	Sequence 2, Appl	245	16.2	0.4	21	1	US-07-947-683-5	Sequence 4, Appl
173	17.2	0.5	23	1	US-08-478-470-7	Sequence 7, Appl	246	16.2	0.4	21	1	US-08-400-323-4	Sequence 3, Appl
174	17.2	0.5	24	1	US-08-478-470-9	Sequence 9, Appl	247	16.2	0.4	21	1	US-08-533-996A-3	Sequence 44, Appl
175	17.2	0.5	24	1	US-08-214-599-7	Sequence 7, Appl	248	16.2	0.4	21	1	US-08-863-639A-44	Sequence 65, Appl
176	17.2	0.5	24	1	US-08-214-599-9	Sequence 9, Appl	249	16.2	0.4	21	1	US-08-863-639A-65	Sequence 12, Appl
177	17.2	0.5	24	1	US-08-473-015-7	Sequence 7, Appl	250	16.2	0.4	21	1	US-09-403-267-12	Sequence 69, Appl
178	17.2	0.5	24	1	US-08-473-015-9	Sequence 9, Appl	251	16.2	0.4	22	1	US-08-849-021-69	
179	17.2	0.5	24	1	US-08-473-015-9	Sequence 9, Appl	252	16.2	0.4	22	1		

c 253	16.2	0.4	22	1	US-08-849-021-83	Sequence 83, Appl	326	15.4	0.4	17	1	US-09-371-772B-6730	Sequence 6730, Ap
c 254	16.2	0.4	22	1	US-08-849-021-84	Sequence 84, Appl	327	15.4	0.4	17	1	US-09-371-772B-6731	Sequence 6731, Ap
c 255	16.2	0.4	22	1	US-08-849-021-84	Sequence 84, Appl	328	15.4	0.4	17	1	US-09-371-772B-6762	Sequence 6762, Ap
c 256	16.2	0.4	22	1	US-08-850-961-4	Sequence 4, Appl	329	15.4	0.4	17	1	US-09-476-387-771	Sequence 771, Ap
c 257	16.2	0.4	22	1	US-09-479-776-4	Sequence 4, Appl	c 330	15.4	0.4	17	1	US-09-554-726A-28	Sequence 28, Appl
c 258	16.2	0.4	23	1	US-09-139-617-4	Sequence 4, Appl	c 331	15.4	0.4	17	1	US-09-866-108A-7996	Sequence 7996, Ap
c 259	16.2	0.4	23	1	US-09-561-741A-4	Sequence 4, Appl	c 332	15.4	0.4	18	1	US-09-475-947A-104	Sequence 104, App
c 260	16.2	0.4	23	1	US-09-568-795-4	Sequence 4, Appl	c 333	15.4	0.4	19	1	US-07-977-284A-21	Sequence 21, Appl
c 261	16	0.4	16	1	US-08-222-177A-439	Sequence 439, App	c 334	15.4	0.4	19	1	US-08-256-426B-21	Sequence 5, Appl
c 262	16	0.4	16	1	US-09-371-772B-6068	Sequence 6068, Ap	c 335	15.4	0.4	19	1	US-09-555-889A-5	Sequence 110, App
c 263	16	0.4	16	1	US-09-371-772B-6069	Sequence 6069, Ap	c 336	15.4	0.4	20	1	US-09-780-045-110	Sequence 73, Appl
c 264	16	0.4	17	1	US-08-222-177A-448	Sequence 448, App	c 337	15.4	0.4	20	1	US-08-849-021-73	Sequence 89, Appl
c 265	16	0.4	17	1	US-08-885-126-9	Sequence 9, Appl	c 338	15.4	0.4	20	1	US-08-368-704C-89	Sequence 34, Appl
c 266	16	0.4	17	1	US-08-960-111-11	Sequence 11, Appl	c 339	15.4	0.4	20	1	US-09-716-161A-34	Sequence 8, Appl
c 267	16	0.4	17	1	US-09-490-774-11	Sequence 11, Appl	c 340	15.4	0.4	20	1	US-09-101-997-4	Sequence 4, Appl
c 268	16	0.4	17	1	US-09-558-221A-16	Sequence 16, Appl	c 341	15.4	0.4	20	1	US-09-101-997-8	Sequence 28, Appl
c 269	16	0.4	17	1	US-09-558-221A-17	Sequence 17, Appl	c 342	15.4	0.4	21	1	US-09-423-890-28	Sequence 20, Appl
c 270	16	0.4	17	1	US-09-558-221A-19	Sequence 19, Appl	c 343	15.4	0.4	35	1	US-08-173-489C-20	Sequence 352, App
c 271	16	0.4	17	1	US-09-558-221A-21	Sequence 21, Appl	c 344	15.4	0.4	41	1	US-08-222-177A-352	Sequence 355, App
c 272	16	0.4	18	1	US-08-734-973-3	Sequence 3, Appl	c 345	15.4	0.4	41	1	US-08-222-177A-355	Sequence 235, App
c 273	16	0.4	18	1	US-08-734-973-4	Sequence 4, Appl	c 346	15.2	0.4	20	1	US-09-496-694B-235	Sequence 15, Appl
c 274	16	0.4	18	1	US-08-734-973-5	Sequence 5, Appl	c 347	15.2	0.4	20	1	US-07-991-867B-15	Sequence 14, Appl
c 275	16	0.4	18	1	US-08-734-973-33	Sequence 33, Appl	c 348	15.2	0.4	20	1	US-08-033-081B-14	Sequence 6, Appl
c 276	16	0.4	18	1	US-08-734-973-34	Sequence 34, Appl	c 349	15.2	0.4	20	1	US-08-118-534A-6	Sequence 15, Appl
c 277	16	0.4	18	1	US-08-734-973-35	Sequence 35, Appl	c 350	15.2	0.4	20	1	US-08-107-755A-15	Sequence 3, Appl
c 278	16	0.4	18	1	US-08-734-973-36	Sequence 36, Appl	c 351	15.2	0.4	20	1	US-08-913-050A-3	Sequence 40, Appl
c 279	16	0.4	18	1	US-08-734-973-37	Sequence 37, Appl	c 352	15.2	0.4	20	1	US-08-313-185-40	Sequence 15, Appl
c 280	16	0.4	18	1	US-08-734-973-38	Sequence 38, Appl	c 353	15.2	0.4	20	1	US-08-544-333-15	Sequence 27, Appl
c 281	16	0.4	20	1	US-09-496-694B-235	Sequence 235, App	c 354	15.2	0.4	20	1	US-08-987-326-27	Sequence 27, Appl
c 282	16	0.4	20	1	US-09-780-045-110	Sequence 110, App	c 355	15.2	0.4	20	1	US-09-359-757-27	Sequence 22, Appl
c 283	16	0.4	22	1	US-08-104-165-30	Sequence 30, Appl	c 356	15.2	0.4	20	1	US-09-082-614A-40	Sequence 40, Appl
c 284	16	0.4	22	1	US-08-464-250-30	Sequence 30, Appl	c 357	15.2	0.4	20	1	US-09-286-904-22	Sequence 22, Appl
c 285	16	0.4	30	1	US-09-725-265-5	Sequence 5, Appl	c 358	15.2	0.4	20	1	US-09-433-694-34	Sequence 147, App
c 286	16	0.4	30	1	US-09-725-265-8	Sequence 8, Appl	c 359	15.2	0.4	20	1	US-09-280-805-147	Sequence 209, App
c 287	16	0.4	30	1	US-09-556-127-5	Sequence 5, Appl	c 360	15.2	0.4	20	1	US-09-280-805-209	Sequence 89, Appl
c 288	16	0.4	30	1	US-09-556-127-8	Sequence 8, Appl	c 361	15.2	0.4	20	1	US-09-488-671-89	Sequence 197, App
c 289	15.8	0.4	19	1	US-08-849-021-74	Sequence 74, Appl	c 362	15.2	0.4	20	1	US-09-593-711A-137	Sequence 13, Appl
c 290	15.8	0.4	19	1	US-09-696-791-3391	Sequence 3391, Ap	c 363	15.2	0.4	20	1	US-08-530-862B-13	Sequence 13, Appl
c 291	15.8	0.4	20	1	US-08-961-749-1	Sequence 1, Appl	c 364	15.2	0.4	20	1	US-08-597-313D-13	Sequence 67, Appl
c 292	15.8	0.4	20	1	US-08-849-021-89	Sequence 89, Appl	c 365	15.2	0.4	20	1	US-09-716-161A-67	Sequence 39, Appl
c 293	15.8	0.4	20	1	US-08-578-615A-66	Sequence 66, Appl	c 366	15.2	0.4	20	1	US-09-659-791A-39	Sequence 38, Appl
c 294	15.8	0.4	20	1	US-09-418-641-32	Sequence 32, Appl	c 367	15.2	0.4	20	1	US-09-798-096-38	Sequence 15, Appl
c 295	15.8	0.4	20	1	US-09-286-904-65	Sequence 65, Appl	c 368	15.2	0.4	20	1	US-09-370-861A-15	Sequence 60, Appl
c 296	15.8	0.4	20	1	US-09-428-219-53	Sequence 53, Appl	c 369	15.2	0.4	20	1	US-09-676-610B-60	Sequence 22, Appl
c 297	15.8	0.4	20	1	US-09-448-176-1	Sequence 1, Appl	c 370	15.2	0.4	20	1	US-09-640-101-22	Sequence 23, Appl
c 298	15.8	0.4	20	1	US-09-640-101-65	Sequence 65, Appl	c 371	15.2	0.4	20	1	US-09-725-265-23	Sequence 6, Appl
c 299	15.8	0.4	20	1	US-09-898-361-133	Sequence 133, App	c 372	15.2	0.4	20	1	US-09-568-407-6	Sequence 75, Appl
c 300	15.8	0.4	20	1	PCT-US94-07770-66	Sequence 66, Appl	c 373	15.2	0.4	20	1	US-09-060-299-75	Sequence 75, Appl
c 301	15.8	0.4	30	1	US-09-725-265-9	Sequence 9, Appl	c 374	15.2	0.4	20	1	US-09-402-922A-75	Sequence 52, Appl
c 302	15.8	0.4	30	1	US-09-556-127-9	Sequence 9, Appl	c 375	15.2	0.4	20	1	US-10-139-842B-52	Sequence 74, Appl
c 303	15.8	0.4	41	1	US-09-197-814-9	Sequence 9, Appl	c 376	15.2	0.4	20	1	US-10-139-842B-74	Sequence 23, Appl
c 304	15.8	0.4	41	1	US-09-920-581-9	Sequence 9, Appl	c 377	15.2	0.4	20	1	US-09-556-127-23	Sequence 72, Appl
c 305	15.8	0.4	42	1	US-09-244-794B-12	Sequence 12, Appl	c 378	15.2	0.4	20	1	US-09-953-318-72	Sequence 74, Appl
c 306	15.8	0.4	42	1	US-09-244-794B-13	Sequence 13, Appl	c 379	15.2	0.4	20	1	US-09-953-318-74	Sequence 4, Appl
c 307	15.8	0.4	42	1	US-09-247-190-12	Sequence 12, Appl	c 380	15.2	0.4	21	1	US-08-465-981-4	Sequence 4, Appl
c 308	15.8	0.4	42	1	US-09-238-710-12	Sequence 12, Appl	c 381	15.2	0.4	21	1	US-09-213-767-3	Sequence 3, Appl
c 309	15.6	0.4	21	1	US-09-045-054-15	Sequence 15, Appl	c 382	15.2	0.4	21	1	US-08-863-639A-45	Sequence 45, Appl
c 310	15.6	0.4	21	1	US-09-657-472-88	Sequence 88, Appl	c 383	15.2	0.4	21	1	US-08-863-639A-49	Sequence 49, Appl
c 311	15.6	0.4	22	1	US-08-179-738-12	Sequence 12, Appl	c 384	15.2	0.4	21	1	US-08-863-639A-82	Sequence 82, Appl
c 312	15.6	0.4	22	1	US-08-217-529-6	Sequence 6, Appl	c 385	15.2	0.4	21	1	US-08-863-639A-86	Sequence 86, Appl
c 313	15.6	0.4	22	1	US-08-480-884-7	Sequence 7, Appl	c 386	15.2	0.4	21	1	US-08-863-639A-86	Sequence 49, Appl
c 314	15.6	0.4	22	1	US-08-628-145-12	Sequence 12, Appl	c 387	15.2	0.4	21	1	US-09-136-080B-49	Sequence 82, Appl
c 315	15.6	0.4	22	1	PCT-US94-08024-7	Sequence 7, Appl	c 388	15.2	0.4	21	1	US-09-389-956-82	Sequence 166, App
c 316	15.4	0.4	17	1	US-08-782-047-24	Sequence 24, Appl	c 389	15.2	0.4	21	1	US-09-079-723-166	Sequence 390, App
c 317	15.4	0.4	17	1	US-08-749-431A-21	Sequence 21, Appl	c 390	15.2	0.4	21	1	US-09-232-785-390	Sequence 4, Appl
c 318	15.4	0.4	17	1	US-08-924-870A-24	Sequence 24, Appl	c 391	15.2	0.4	21	1	PCT-US93-11915-4	Sequence 7, Appl
c 319	15.4	0.4	17	1	US-08-584-040-4210	Sequence 4210, Ap	c 392	15.2	0.4	29	1	US-08-296-793-2	Sequence 2, Appl
c 320	15.4	0.4	17	1	US-08-584-040-4242	Sequence 4242, Ap	c 393	15.2	0.4	30	1	US-08-296-793-2	Sequence 1, Appl
c 321	15.4	0.4	17	1	US-08-584-040-5784	Sequence 5784, Ap	c 394	15.2	0.4	30	1	US-08-771-781-2	Sequence 2, Appl
c 322	15.4	0.4	17	1	US-09-474-432B-772	Sequence 772, App	c 395	15.2	0.4	32	1	PCT-US92-10792-1	Sequence 7, Appl
c 323	15.4	0.4	17	1	US-09-371-772B-1977	Sequence 1977, Ap	c 396	15	0.4	15	1	US-08-849-021-7	Sequence 8, Appl
c 324	15.4	0.4	17	1	US-09-371-772B-2009	Sequence 2009, Ap	c 397	15	0.4	15	1	US-08-849-021-8	Sequence 9, Appl
c 325	15.4	0.4	17	1	US-09-371-772B-6729	Sequence 6729, Ap	c 398	15	0.4	15	1	US-08-849-021-9	Sequence 9, Appl



545	14.4	0.4	20	1	US-09-287-796-17	Sequence 17, Appl	c 618	14.2	0.4	20	1	US-09-073-465-15	Sequence 15, Appl
546	14.4	0.4	20	1	US-09-433-699-31	Sequence 31, Appl	619	14.2	0.4	20	1	US-08-991-525B-62	Sequence 62, Appl
c 547	14.4	0.4	20	1	US-09-429-322-54	Sequence 54, Appl	620	14.2	0.4	20	1	US-09-085-759-62	Sequence 62, Appl
548	14.4	0.4	20	1	US-09-130-616-17	Sequence 17, Appl	621	14.2	0.4	20	1	US-08-909-954-5	Sequence 5, Appl
549	14.4	0.4	20	1	US-08-953-774-10	Sequence 10, Appl	622	14.2	0.4	20	1	US-08-909-954-13	Sequence 13, Appl
c 550	14.4	0.4	20	1	US-09-559-791A-65	Sequence 65, Appl	c 623	14.2	0.4	20	1	US-09-053-866-10	Sequence 10, Appl
c 551	14.4	0.4	20	1	US-09-752-110A-20	Sequence 20, Appl	624	14.2	0.4	20	1	US-09-287-796-61	Sequence 61, Appl
c 552	14.4	0.4	20	1	US-09-967-669-88	Sequence 88, Appl	c 625	14.2	0.4	20	1	US-09-444-053-36	Sequence 36, Appl
c 553	14.4	0.4	20	1	US-09-232-785-389	Sequence 389, Appl	c 626	14.2	0.4	20	1	US-09-444-053-54	Sequence 54, Appl
554	14.4	0.4	30	1	US-09-725-265-11	Sequence 11, Appl	c 627	14.2	0.4	20	1	US-09-444-053-61	Sequence 61, Appl
555	14.4	0.4	30	1	US-09-556-127-11	Sequence 11, Appl	628	14.2	0.4	20	1	US-09-433-699-60	Sequence 60, Appl
556	14.4	0.4	32	1	US-08-126-594-8	Sequence 8, Appl	629	14.2	0.4	20	1	US-09-128-496-62	Sequence 62, Appl
557	14.4	0.4	32	1	US-08-465-811A-8	Sequence 8, Appl	630	14.2	0.4	20	1	US-08-906-517-120	Sequence 120, Appl
558	14.4	0.4	32	1	US-08-619-542B-8	Sequence 8, Appl	c 631	14.2	0.4	20	1	US-09-488-671-160	Sequence 160, Appl
c 559	14.4	0.4	44	1	US-08-664-596B-9	Sequence 9, Appl	c 632	14.2	0.4	20	1	US-09-060-694-3	Sequence 3, Appl
560	14.2	0.4	19	1	US-08-233-030-19	Sequence 19, Appl	633	14.2	0.4	20	1	US-09-130-616-61	Sequence 61, Appl
561	14.2	0.4	19	1	US-08-462-305-18	Sequence 18, Appl	c 634	14.2	0.4	20	1	US-08-931-858B-233	Sequence 233, Appl
562	14.2	0.4	19	1	US-08-613-417A-18	Sequence 18, Appl	c 635	14.2	0.4	20	1	US-09-487-445-92	Sequence 92, Appl
c 563	14.2	0.4	19	1	US-08-950-961-25	Sequence 25, Appl	c 636	14.2	0.4	20	1	US-08-884-421-3	Sequence 3, Appl
564	14.2	0.4	19	1	US-08-594-452-18	Sequence 18, Appl	637	14.2	0.4	20	1	US-09-489-868A-78	Sequence 78, Appl
565	14.2	0.4	19	1	US-08-578-686C-17	Sequence 17, Appl	c 638	14.2	0.4	20	1	US-09-593-711A-60	Sequence 60, Appl
566	14.2	0.4	19	1	US-08-281-203-13	Sequence 13, Appl	639	14.2	0.4	20	1	US-09-593-711A-122	Sequence 122, Appl
567	14.2	0.4	19	1	US-08-867-352-18	Sequence 18, Appl	c 640	14.2	0.4	20	1	US-09-593-711A-241	Sequence 241, Appl
568	14.2	0.4	19	1	US-09-094-405-20	Sequence 20, Appl	641	14.2	0.4	20	1	US-09-009-490A-62	Sequence 62, Appl
569	14.2	0.4	19	1	US-09-258-408-18	Sequence 18, Appl	c 642	14.2	0.4	20	1	US-09-593-589-32	Sequence 32, Appl
570	14.2	0.4	19	1	US-09-196-132-18	Sequence 18, Appl	c 643	14.2	0.4	20	1	US-08-050-482A-11	Sequence 11, Appl
571	14.2	0.4	19	1	US-09-144-112-17	Sequence 17, Appl	c 644	14.2	0.4	20	1	US-08-750-088A-66	Sequence 66, Appl
572	14.2	0.4	19	1	US-08-895-981-18	Sequence 18, Appl	c 645	14.2	0.4	20	1	US-08-829-637A-83	Sequence 83, Appl
c 573	14.2	0.4	19	1	US-09-479-776-25	Sequence 25, Appl	c 646	14.2	0.4	20	1	US-09-660-925B-37	Sequence 37, Appl
574	14.2	0.4	19	1	US-08-337-120A-20	Sequence 20, Appl	647	14.2	0.4	20	1	US-09-175-658B-15	Sequence 15, Appl
575	14.2	0.4	19	1	US-09-643-233-17	Sequence 17, Appl	c 648	14.2	0.4	20	1	US-08-294-312B-55	Sequence 55, Appl
c 576	14.2	0.4	19	1	US-09-422-978-4702	Sequence 4702, Ap	c 649	14.2	0.4	20	1	US-08-294-312B-66	Sequence 66, Appl
c 577	14.2	0.4	19	1	US-09-422-978-6383	Sequence 6383, Ap	c 650	14.2	0.4	20	1	US-08-294-312B-69	Sequence 69, Appl
c 578	14.2	0.4	19	1	US-09-696-791-207	Sequence 207, App	c 651	14.2	0.4	20	1	US-09-659-791A-40	Sequence 40, Appl
c 579	14.2	0.4	19	1	US-09-696-791-208	Sequence 208, App	652	14.2	0.4	20	1	US-09-167-109-195	Sequence 195, Appl
580	14.2	0.4	19	1	US-09-696-791-347	Sequence 347, App	c 653	14.2	0.4	20	1	US-08-468-024B-55	Sequence 55, Appl
581	14.2	0.4	19	1	US-09-696-791-584	Sequence 584, App	c 654	14.2	0.4	20	1	US-08-468-024B-66	Sequence 66, Appl
582	14.2	0.4	19	1	US-09-696-791-585	Sequence 585, App	c 655	14.2	0.4	20	1	US-08-468-024B-69	Sequence 69, Appl
583	14.2	0.4	19	1	US-09-696-791-870	Sequence 870, App	c 656	14.2	0.4	20	1	US-09-657-452A-106	Sequence 106, App
584	14.2	0.4	19	1	US-09-696-791-1835	Sequence 1835, Ap	c 657	14.2	0.4	20	1	US-09-301-836-1	Sequence 1, Appl
585	14.2	0.4	19	1	US-09-696-791-2537	Sequence 2537, Ap	c 658	14.2	0.4	20	1	US-09-479-130-10	Sequence 10, Appl
586	14.2	0.4	19	1	US-09-696-791-3708	Sequence 3708, Ap	c 659	14.2	0.4	20	1	US-09-378-074-3	Sequence 3, Appl
c 587	14.2	0.4	19	1	US-09-835-370-19	Sequence 19, Appl	c 660	14.2	0.4	20	1	US-09-705-299-58	Sequence 58, Appl
c 588	14.2	0.4	20	1	US-07-626-618A-3	Sequence 3, Appl	661	14.2	0.4	20	1	US-09-470-443-38	Sequence 38, Appl
c 589	14.2	0.4	20	1	US-08-063-167A-62	Sequence 62, Appl	c 662	14.2	0.4	20	1	US-08-520-373D-30	Sequence 30, Appl
c 590	14.2	0.4	20	1	US-07-928-611-3	Sequence 3, Appl	c 663	14.2	0.4	20	1	US-09-472-130A-10	Sequence 10, Appl
c 591	14.2	0.4	20	1	US-08-007-997A-62	Sequence 62, Appl	c 664	14.2	0.4	20	1	US-09-706-197-20	Sequence 20, Appl
c 592	14.2	0.4	20	1	US-08-333-977-3	Sequence 3, Appl	c 665	14.2	0.4	20	1	US-09-920-668-31	Sequence 31, Appl
c 593	14.2	0.4	20	1	US-08-530-492-120	Sequence 120, App	c 666	14.2	0.4	20	1	US-09-658-688A-83	Sequence 83, Appl
c 594	14.2	0.4	20	1	US-08-255-892-77	Sequence 77, Appl	c 667	14.2	0.4	20	1	US-09-668-313A-80	Sequence 80, Appl
c 595	14.2	0.4	20	1	US-08-605-089-18	Sequence 18, Appl	668	14.2	0.4	20	1	US-09-216-393B-243	Sequence 243, Appl
c 596	14.2	0.4	20	1	US-08-778-702-6	Sequence 6, Appl	669	14.2	0.4	20	1	US-09-422-978-11617	Sequence 11617, A
c 597	14.2	0.4	20	1	US-08-147-843-3	Sequence 3, Appl	c 670	14.2	0.4	20	1	US-10-025-139-83	Sequence 83, Appl
c 598	14.2	0.4	20	1	US-08-602-203-3	Sequence 3, Appl	c 671	14.2	0.4	20	1	US-09-198-452A-1841	Sequence 1841, Ap
c 599	14.2	0.4	20	1	US-08-440-740A-62	Sequence 62, Appl	672	14.2	0.4	20	1	US-09-198-452A-3458	Sequence 3458, Ap
c 600	14.2	0.4	20	1	US-08-518-862C-16	Sequence 16, Appl	c 673	14.2	0.4	20	1	US-09-198-452A-4668	Sequence 4668, Ap
c 601	14.2	0.4	20	1	US-08-910-629A-61	Sequence 61, Appl	c 674	14.2	0.4	20	1	US-09-198-452A-4798	Sequence 4798, Ap
c 602	14.2	0.4	20	1	US-08-478-178A-83	Sequence 83, Appl	c 675	14.2	0.4	20	1	US-09-198-452A-4985	Sequence 4985, Ap
c 603	14.2	0.4	20	1	US-08-344-155C-62	Sequence 62, Appl	676	14.2	0.4	20	1	US-09-198-452A-5790	Sequence 5790, Ap
c 604	14.2	0.4	20	1	US-08-487-811A-3	Sequence 3, Appl	677	14.2	0.4	20	1	US-09-198-452A-6696	Sequence 6696, Ap
c 605	14.2	0.4	20	1	US-08-488-177-83	Sequence 83, Appl	c 678	14.2	0.4	20	1	US-09-708-200-4	Sequence 4, Appl
c 606	14.2	0.4	20	1	US-08-481-072A-83	Sequence 83, Appl	c 679	14.2	0.4	20	1	US-09-915-229-3	Sequence 3, Appl
c 607	14.2	0.4	20	1	US-08-664-336-83	Sequence 83, Appl	c 680	14.2	0.4	20	1	US-08-465-679-55	Sequence 55, Appl
c 608	14.2	0.4	20	1	US-08-481-066A-83	Sequence 83, Appl	c 681	14.2	0.4	20	1	US-08-465-679-66	Sequence 66, Appl
c 609	14.2	0.4	20	1	US-09-100-398-2	Sequence 2, Appl	c 682	14.2	0.4	20	1	US-08-465-679-69	Sequence 69, Appl
c 610	14.2	0.4	20	1	US-09-065-858-3	Sequence 3, Appl	c 683	14.2	0.4	20	1	US-09-112-580-190	Sequence 190, Appl
c 611	14.2	0.4	20	1	US-08-578-615A-91	Sequence 91, Appl	c 684	14.2	0.4	20	1	US-09-722-319-66	Sequence 66, Appl
c 612	14.2	0.4	20	1	US-08-982-845B-62	Sequence 62, Appl	c 685	14.2	0.4	20	1	US-09-860-473-104	Sequence 104, Appl
c 613	14.2	0.4	20	1	US-09-065-883-3	Sequence 3, Appl	686	14.2	0.4	20	1	US-09-860-473-105	Sequence 105, Appl
c 614	14.2	0.4	20	1	US-08-745-892-19	Sequence 19, Appl	c 687	14.2	0.4	20	1	US-09-860-473-150	Sequence 150, Appl
c 615	14.2	0.4	20	1	US-09-095-769-3	Sequence 3, Appl	c 688	14.2	0.4	20	1	US-09-914-272A-9	Sequence 9, Appl
c 616	14.2	0.4	20	1	US-09-357-070-22	Sequence 22, Appl	689	14.2	0.4	20	1	US-09-657-013-6	Sequence 6, Appl
617	14.2	0.4	20	1	US-09-073-465-14	Sequence 14, Appl	c 690	14.2	0.4	20	1	US-09-220-407-233	Sequence 233, Appl

691	14.2	0.4	20	1	US-10-029-517-76	Sequence 76, Appl	764	13.8	0.4	17	1	US-09-476-387-778	Sequence 778, App
692	14.2	0.4	20	1	US-10-215-448-55	Sequence 55, Appl	765	13.8	0.4	17	1	US-09-476-387-816	Sequence 816, App
693	14.2	0.4	20	1	US-09-758-881-138	Sequence 138, Appl	766	13.8	0.4	17	1	US-09-476-387-834	Sequence 834, App
694	14.2	0.4	20	1	US-09-899-440-2	Sequence 2, Appl	767	13.8	0.4	17	1	US-09-401-063-638	Sequence 638, App
695	14.2	0.4	20	1	PCT-US93-07370-3	Sequence 3, Appl	768	13.8	0.4	17	1	US-09-827-998-161	Sequence 161, App
696	14.2	0.4	20	1	PCT-US93-08101-62	Sequence 62, Appl	769	13.8	0.4	17	1	US-09-827-998-384	Sequence 384, App
697	14.2	0.4	20	1	PCT-US94-00185-3	Sequence 3, Appl	770	13.8	0.4	17	1	US-09-827-998-385	Sequence 385, App
698	14.2	0.4	20	1	PCT-US94-07770-91	Sequence 91, Appl	771	13.8	0.4	17	1	US-09-827-998-386	Sequence 386, App
699	14.2	0.4	23	1	US-09-750-401-20	Sequence 20, Appl	772	13.8	0.4	17	1	US-09-827-998-387	Sequence 387, App
700	14.2	0.4	30	1	US-09-725-265-13	Sequence 13, Appl	773	13.8	0.4	17	1	US-09-866-108A-2214	Sequence 2214, App
701	14.2	0.4	30	1	US-09-556-127-13	Sequence 13, Appl	774	13.8	0.4	17	1	US-09-866-108A-2670	Sequence 2670, App
702	14.2	0.4	38	1	US-09-619-103-2	Sequence 2, Appl	775	13.8	0.4	17	1	US-09-866-108A-2776	Sequence 2776, App
703	14.2	0.4	42	1	US-08-222-177A-340	Sequence 340, App	776	13.8	0.4	17	1	US-09-866-108A-2778	Sequence 2778, App
704	14	0.4	14	1	US-08-222-177A-436	Sequence 436, App	777	13.8	0.4	17	1	US-09-866-108A-7842	Sequence 7842, App
705	14	0.4	15	1	US-09-475-947A-83	Sequence 83, Appl	778	13.8	0.4	17	1	US-09-866-108A-7998	Sequence 7998, App
706	14	0.4	15	1	PCT-US92-00282-27	Sequence 27, Appl	779	13.8	0.4	17	1	US-09-866-108A-8001	Sequence 8001, App
707	14	0.4	16	1	US-08-432-871C-52	Sequence 52, Appl	780	13.8	0.4	17	1	US-09-866-108A-8087	Sequence 8087, App
708	14	0.4	16	1	US-09-370-956-52	Sequence 52, Appl	781	13.8	0.4	17	1	US-09-866-108A-8725	Sequence 8725, App
709	14	0.4	16	1	US-09-371-772B-6067	Sequence 6067, App	782	13.8	0.4	17	1	US-09-866-108A-8726	Sequence 8726, App
710	14	0.4	17	1	US-08-292-620A-1667	Sequence 1667, App	783	13.8	0.4	17	1	US-09-866-108A-9347	Sequence 9347, App
711	14	0.4	17	1	US-09-071-845-1667	Sequence 1667, App	784	13.8	0.4	17	1	US-09-866-108A-9714	Sequence 9714, App
712	14	0.4	17	1	US-09-404-912-523	Sequence 523, App	785	13.8	0.4	17	1	US-09-866-108A-9861	Sequence 9861, App
713	14	0.4	18	1	US-08-649-511A-7	Sequence 7, Appl	786	13.8	0.4	17	1	US-09-658-859-3	Sequence 3, Appl
714	14	0.4	18	1	US-09-344-579-40	Sequence 40, Appl	787	13.8	0.4	17	1	US-09-404-912-137	Sequence 137, App
715	14	0.4	20	1	US-08-473-020A-9	Sequence 9, Appl	788	13.8	0.4	17	1	US-09-404-912-565	Sequence 565, App
716	14	0.4	20	1	US-08-360-606B-27	Sequence 27, Appl	789	13.8	0.4	18	1	US-07-903-466-6	Sequence 6, Appl
717	14	0.4	20	1	US-09-490-692-66	Sequence 66, Appl	790	13.8	0.4	18	1	US-07-874-334-12	Sequence 12, Appl
718	14	0.4	20	1	US-09-733-294A-86	Sequence 86, Appl	791	13.8	0.4	18	1	US-08-063-167A-5	Sequence 5, Appl
719	14	0.4	27	1	US-09-232-785-359	Sequence 359, App	792	13.8	0.4	18	1	US-08-007-997A-5	Sequence 5, Appl
720	14	0.4	39	1	US-08-222-177A-86	Sequence 86, Appl	793	13.8	0.4	18	1	US-08-261-822A-39	Sequence 39, Appl
721	14	0.4	44	1	US-08-222-177A-249	Sequence 249, App	794	13.8	0.4	18	1	US-08-366-577-7	Sequence 7, Appl
722	13.8	0.4	17	1	US-08-373-124A-1056	Sequence 1056, App	795	13.8	0.4	18	1	US-08-470-837-21	Sequence 21, Appl
723	13.8	0.4	17	1	US-08-435-628-1056	Sequence 1056, App	796	13.8	0.4	18	1	US-08-523-376-6	Sequence 6, Appl
724	13.8	0.4	17	1	US-08-373-124A-1359	Sequence 1359, App	797	13.8	0.4	18	1	US-08-440-740A-5	Sequence 5, Appl
725	13.8	0.4	17	1	US-08-758-306-59	Sequence 59, Appl	798	13.8	0.4	18	1	US-08-344-155C-5	Sequence 5, Appl
726	13.8	0.4	17	1	US-08-435-628-2161	Sequence 2161, App	799	13.8	0.4	18	1	US-08-912-123A-33	Sequence 33, Appl
727	13.8	0.4	17	1	US-08-985-162-638	Sequence 638, App	800	13.8	0.4	18	1	US-08-819-288-14	Sequence 14, Appl
728	13.8	0.4	17	1	US-08-985-162-638	Sequence 638, App	801	13.8	0.4	18	1	US-09-156-979-8	Sequence 8, Appl
729	13.8	0.4	17	1	US-09-270-542-195	Sequence 195, App	802	13.8	0.4	18	1	US-09-166-203-4	Sequence 4, Appl
730	13.8	0.4	17	1	US-08-584-040-2805	Sequence 2805, App	803	13.8	0.4	18	1	US-08-810-599-19	Sequence 19, Appl
731	13.8	0.4	17	1	US-08-584-040-2845	Sequence 2845, App	804	13.8	0.4	18	1	US-08-982-845B-5	Sequence 5, Appl
732	13.8	0.4	17	1	US-08-584-040-4205	Sequence 4205, App	805	13.8	0.4	18	1	US-09-344-520-40	Sequence 40, Appl
733	13.8	0.4	17	1	US-08-584-040-4205	Sequence 4205, App	806	13.8	0.4	18	1	US-09-339-993-33	Sequence 33, Appl
734	13.8	0.4	17	1	US-08-584-040-4206	Sequence 4206, App	807	13.8	0.4	18	1	US-08-991-525B-5	Sequence 5, Appl
735	13.8	0.4	17	1	US-08-584-040-4243	Sequence 4243, App	808	13.8	0.4	18	1	US-09-085-759-5	Sequence 5, Appl
736	13.8	0.4	17	1	US-08-584-040-5714	Sequence 5714, App	809	13.8	0.4	18	1	US-09-135-021-73	Sequence 73, Appl
737	13.8	0.4	17	1	US-08-584-040-5714	Sequence 5714, App	810	13.8	0.4	18	1	US-09-487-444-36	Sequence 36, Appl
738	13.8	0.4	17	1	US-08-584-040-5779	Sequence 5779, App	811	13.8	0.4	18	1	US-08-974-549A-445	Sequence 445, App
739	13.8	0.4	17	1	US-08-584-040-5780	Sequence 5780, App	812	13.8	0.4	18	1	US-09-128-496-5	Sequence 5, Appl
740	13.8	0.4	17	1	US-08-584-040-5795	Sequence 5795, App	813	13.8	0.4	18	1	US-08-071-433-82	Sequence 82, Appl
741	13.8	0.4	17	1	US-08-584-040-7597	Sequence 7597, App	814	13.8	0.4	18	1	US-08-795-473B-10	Sequence 10, Appl
742	13.8	0.4	17	1	US-09-474-432B-461	Sequence 461, App	815	13.8	0.4	18	1	US-09-377-309-4	Sequence 4, Appl
743	13.8	0.4	17	1	US-09-474-432B-779	Sequence 779, App	816	13.8	0.4	18	1	US-09-630-706-64	Sequence 64, Appl
744	13.8	0.4	17	1	US-09-474-432B-817	Sequence 817, App	817	13.8	0.4	18	1	US-09-009-490A-5	Sequence 5, Appl
745	13.8	0.4	17	1	US-09-474-432B-835	Sequence 835, App	818	13.8	0.4	18	1	US-09-341-587-9	Sequence 9, Appl
746	13.8	0.4	17	1	US-09-826-630-4	Sequence 4, Appl	819	13.8	0.4	18	1	US-08-868-452-21	Sequence 21, Appl
747	13.8	0.4	17	1	US-09-371-772B-1329	Sequence 1329, App	820	13.8	0.4	18	1	US-09-400-348-14	Sequence 14, Appl
748	13.8	0.4	17	1	US-09-371-772B-1369	Sequence 1369, App	821	13.8	0.4	18	1	US-09-439-856-10	Sequence 10, Appl
749	13.8	0.4	17	1	US-09-371-772B-1972	Sequence 1972, App	822	13.8	0.4	18	1	US-09-387-341-69	Sequence 69, Appl
750	13.8	0.4	17	1	US-09-371-772B-1973	Sequence 1973, App	823	13.8	0.4	18	1	US-09-280-030-8	Sequence 8, Appl
751	13.8	0.4	17	1	US-09-371-772B-2010	Sequence 2010, App	824	13.8	0.4	18	1	US-09-280-030-9	Sequence 9, Appl
752	13.8	0.4	17	1	US-09-371-772B-2597	Sequence 2597, App	825	13.8	0.4	18	1	US-09-422-978-4878	Sequence 4878, App
753	13.8	0.4	17	1	US-09-371-772B-2608	Sequence 2608, App	826	13.8	0.4	18	1	US-09-422-978-6580	Sequence 6580, App
754	13.8	0.4	17	1	US-09-371-772B-2661	Sequence 2661, App	827	13.8	0.4	18	1	US-09-422-978-7075	Sequence 7075, App
755	13.8	0.4	17	1	US-09-371-772B-3391	Sequence 3391, App	828	13.8	0.4	18	1	US-09-422-978-7792	Sequence 7792, App
756	13.8	0.4	17	1	US-09-371-772B-4731	Sequence 4731, App	829	13.8	0.4	18	1	US-09-402-181B-445	Sequence 445, App
757	13.8	0.4	17	1	US-09-371-772B-4885	Sequence 4885, App	830	13.8	0.4	18	1	US-09-721-456-445	Sequence 445, App
758	13.8	0.4	17	1	US-09-371-772B-6114	Sequence 6114, App	831	13.8	0.4	18	1	PCT-US93-05794-6	Sequence 6, Appl
759	13.8	0.4	17	1	US-09-371-772B-6114	Sequence 6114, App	832	13.8	0.4	18	1	PCT-US93-08101-5	Sequence 5, Appl
760	13.8	0.4	17	1	US-09-371-772B-6733	Sequence 6733, App	833	13.8	0.4	18	1	PCT-US95-07744A-39	Sequence 39, Appl
761	13.8	0.4	17	1	US-09-371-772B-6763	Sequence 6763, App	834	13.8	0.4	19	1	PCT-US96-00005-7	Sequence 7, Appl
762	13.8	0.4	17	1	US-09-476-387-460	Sequence 460, App	835	13.8	0.4	19	1	US-08-105-168B-9	Sequence 9, Appl
763	13.8	0.4	17	1	US-09-476-387-777	Sequence 777, App	836	13.8	0.4	19	1	US-08-105-168B-10	Sequence 10, Appl

837	13.8	0.4	19	1	US-08-487-759-1	Sequence 1, Appl	910	13.8	0.4	45	1	US-08-222-177A-203	Sequence 203, App
c 838	13.8	0.4	19	1	US-08-698-948-9	Sequence 9, Appl	911	13.6	0.4	20	1	US-09-280-805-209	Sequence 209, App
c 839	13.8	0.4	19	1	US-08-698-948-10	Sequence 10, Appl	c 912	13.6	0.4	23	1	US-08-211-202-32	Sequence 32, Appl
c 840	13.8	0.4	19	1	US-08-117-952-62	Sequence 62, Appl	c 913	13.6	0.4	23	1	US-08-307-619-12	Sequence 12, Appl
841	13.8	0.4	19	1	US-08-807-104-1	Sequence 1, Appl	c 914	13.6	0.4	23	1	US-08-350-260A-58	Sequence 58, Appl
842	13.8	0.4	19	1	US-08-807-104-4	Sequence 4, Appl	c 915	13.6	0.4	23	1	US-09-050-783-12	Sequence 12, Appl
843	13.8	0.4	19	1	US-08-807-104-6	Sequence 6, Appl	c 916	13.6	0.4	23	1	US-09-104-337A-58	Sequence 58, Appl
844	13.8	0.4	19	1	US-08-807-104-7	Sequence 7, Appl	c 917	13.6	0.4	23	1	US-10-067-443-35	Sequence 35, Appl
845	13.8	0.4	19	1	US-08-807-104-8	Sequence 8, Appl	c 918	13.6	0.4	23	1	US-10-153-064-35	Sequence 35, Appl
846	13.8	0.4	19	1	US-08-807-104-9	Sequence 9, Appl	c 919	13.6	0.4	29	1	US-09-244-794A-8	Sequence 8, Appl
847	13.8	0.4	19	1	US-08-807-104-10	Sequence 10, Appl	c 920	13.6	0.4	29	1	US-09-007-005-8	Sequence 8, Appl
848	13.8	0.4	19	1	US-08-807-104-13	Sequence 13, Appl	c 921	13.6	0.4	29	1	US-09-247-190-8	Sequence 8, Appl
849	13.8	0.4	19	1	US-08-807-104-14	Sequence 14, Appl	c 922	13.6	0.4	29	1	US-09-244-796-8	Sequence 8, Appl
850	13.8	0.4	19	1	US-08-807-104-15	Sequence 15, Appl	c 923	13.6	0.4	29	1	US-09-238-710-8	Sequence 8, Appl
851	13.8	0.4	19	1	US-08-807-104-16	Sequence 16, Appl	c 924	13.6	0.4	29	1	US-09-282-734-3	Sequence 3, Appl
852	13.8	0.4	19	1	US-08-810-599-53	Sequence 53, Appl	925	13.6	0.4	33	1	US-09-061-026-26	Sequence 26, Appl
853	13.8	0.4	19	1	US-08-973-139-1	Sequence 1, Appl	926	13.6	0.4	33	1	US-09-466-138-26	Sequence 26, Appl
854	13.8	0.4	19	1	US-08-480-068-1	Sequence 1, Appl	927	13.6	0.4	36	1	US-09-462-569B-4	Sequence 4, Appl
855	13.8	0.4	19	1	US-08-480-068-4	Sequence 4, Appl	928	13.6	0.4	40	1	US-08-771-624B-1	Sequence 1, Appl
856	13.8	0.4	19	1	US-08-480-068-6	Sequence 6, Appl	929	13.6	0.4	40	1	US-08-440-209-4	Sequence 4, Appl
857	13.8	0.4	19	1	US-08-480-068-7	Sequence 7, Appl	930	13.6	0.4	40	1	US-08-439-996-4	Sequence 4, Appl
858	13.8	0.4	19	1	US-08-480-068-8	Sequence 8, Appl	931	13.6	0.4	43	1	US-08-222-177A-370	Sequence 370, App
859	13.8	0.4	19	1	US-08-480-068-9	Sequence 9, Appl	c 932	13.4	0.4	15	1	US-09-475-947A-83	Sequence 83, Appl
860	13.8	0.4	19	1	US-08-480-068-10	Sequence 10, Appl	c 933	13.4	0.4	15	1	PCT-US92-00282-27	Sequence 27, Appl
861	13.8	0.4	19	1	US-08-480-068-13	Sequence 13, Appl	934	13.4	0.4	15	1	US-08-153-051B-52	Sequence 52, Appl
862	13.8	0.4	19	1	US-08-480-068-14	Sequence 14, Appl	935	13.4	0.4	15	1	US-08-291-932A-378	Sequence 378, App
863	13.8	0.4	19	1	US-08-480-068-15	Sequence 15, Appl	936	13.4	0.4	15	1	US-08-060-952C-51	Sequence 51, Appl
864	13.8	0.4	19	1	US-08-480-068-16	Sequence 16, Appl	c 937	13.4	0.4	15	1	US-08-363-240A-58	Sequence 58, Appl
c 865	13.8	0.4	19	1	US-09-338-907-371	Sequence 371, App	c 938	13.4	0.4	15	1	US-08-363-240A-58	Sequence 58, Appl
c 866	13.8	0.4	19	1	US-09-218-207-371	Sequence 371, App	c 939	13.4	0.4	15	1	US-08-311-486C-174	Sequence 174, App
867	13.8	0.4	19	1	US-08-973-137-1	Sequence 1, Appl	940	13.4	0.4	15	1	US-08-151-477A-52	Sequence 52, Appl
868	13.8	0.4	19	1	US-08-973-137-4	Sequence 4, Appl	941	13.4	0.4	15	1	US-08-819-867-79	Sequence 79, Appl
869	13.8	0.4	19	1	US-08-973-137-6	Sequence 6, Appl	942	13.4	0.4	15	1	US-08-584-040-8461	Sequence 8461, Ap
870	13.8	0.4	19	1	US-08-973-137-7	Sequence 7, Appl	943	13.4	0.4	15	1	US-08-464-011B-51	Sequence 51, Appl
871	13.8	0.4	19	1	US-08-973-137-8	Sequence 8, Appl	944	13.4	0.4	15	1	US-09-378-535-79	Sequence 79, Appl
872	13.8	0.4	19	1	US-08-973-137-9	Sequence 9, Appl	945	13.4	0.4	15	1	US-09-371-772B-4116	Sequence 4116, Ap
873	13.8	0.4	19	1	US-08-973-137-10	Sequence 10, Appl	c 946	13.4	0.4	15	1	5194376-8	Patent No. 5194376
874	13.8	0.4	19	1	US-08-973-137-13	Sequence 13, Appl	947	13.4	0.4	16	1	US-07-977-284A-22	Sequence 22, Appl
875	13.8	0.4	19	1	US-08-973-137-14	Sequence 14, Appl	948	13.4	0.4	16	1	US-08-256-426B-22	Sequence 22, Appl
876	13.8	0.4	19	1	US-08-973-137-15	Sequence 15, Appl	c 949	13.4	0.4	16	1	US-09-829-855-17	Sequence 17, Appl
877	13.8	0.4	19	1	US-08-973-137-16	Sequence 16, Appl	c 950	13.4	0.4	16	1	US-09-829-855-19	Sequence 19, Appl
878	13.8	0.4	19	1	US-09-302-681-49	Sequence 49, Appl	951	13.4	0.4	16	1	US-09-479-005A-282	Sequence 282, App
c 879	13.8	0.4	19	1	US-09-302-681-50	Sequence 50, Appl	c 952	13.4	0.4	17	1	US-08-152-313-18	Sequence 18, Appl
c 880	13.8	0.4	19	1	US-09-018-125-9	Sequence 9, Appl	953	13.4	0.4	17	1	US-08-222-616-1	Sequence 1, Appl
c 881	13.8	0.4	19	1	US-09-475-947A-217	Sequence 217, App	c 954	13.4	0.4	17	1	US-08-373-124A-1058	Sequence 1058, Ap
882	13.8	0.4	19	1	US-09-136-080B-12	Sequence 12, Appl	955	13.4	0.4	17	1	US-08-373-124A-1691	Sequence 1691, Ap
883	13.8	0.4	19	1	US-09-136-080B-26	Sequence 26, Appl	c 956	13.4	0.4	17	1	US-08-579-223-18	Sequence 18, Appl
c 884	13.8	0.4	19	1	US-09-422-978-4380	Sequence 4380, Ap	c 957	13.4	0.4	17	1	US-08-758-306-323	Sequence 323, App
c 885	13.8	0.4	19	1	US-09-422-978-4817	Sequence 4817, Ap	c 958	13.4	0.4	17	1	US-08-435-628-1058	Sequence 1058, App
c 886	13.8	0.4	19	1	US-09-422-978-5699	Sequence 5699, Ap	959	13.4	0.4	17	1	US-08-435-628-1691	Sequence 1691, Ap
c 887	13.8	0.4	19	1	US-09-422-978-6340	Sequence 6340, Ap	960	13.4	0.4	17	1	US-08-292-620A-1715	Sequence 1715, Ap
c 888	13.8	0.4	19	1	US-09-672-717-3	Sequence 3, Appl	961	13.4	0.4	17	1	US-08-292-620A-1824	Sequence 1824, Ap
889	13.8	0.4	19	1	US-09-696-791-335	Sequence 335, App	962	13.4	0.4	17	1	US-08-292-620A-1862	Sequence 1862, Ap
890	13.8	0.4	19	1	US-09-696-791-348	Sequence 348, App	963	13.4	0.4	17	1	US-08-292-620A-1918	Sequence 1918, Ap
891	13.8	0.4	19	1	US-09-696-791-1836	Sequence 1836, Ap	964	13.4	0.4	17	1	US-08-292-620A-1952	Sequence 1952, Ap
892	13.8	0.4	19	1	US-09-696-791-1837	Sequence 1837, Ap	965	13.4	0.4	17	1	US-08-292-620A-2007	Sequence 2007, Ap
c 893	13.8	0.4	19	1	US-09-696-791-2124	Sequence 2124, Ap	966	13.4	0.4	17	1	US-08-292-620A-2009	Sequence 2009, Ap
c 894	13.8	0.4	19	1	US-09-696-791-2313	Sequence 2313, Ap	c 967	13.4	0.4	17	1	US-08-173-489C-96	Sequence 96, Appl
c 895	13.8	0.4	19	1	PCT-US96-08320-1	Sequence 1, Appl	968	13.4	0.4	17	1	US-08-985-090-20	Sequence 20, Appl
896	13.8	0.4	19	1	PCT-US96-08330-1	Sequence 1, Appl	969	13.4	0.4	17	1	US-09-165-543-21	Sequence 21, Appl
897	13.8	0.4	26	1	US-08-621-914A-2	Sequence 2, Appl	970	13.4	0.4	17	1	US-09-071-845-1715	Sequence 1715, Ap
898	13.8	0.4	26	1	US-08-873-437-2	Sequence 2, Appl	971	13.4	0.4	17	1	US-09-071-845-1824	Sequence 1824, Ap
899	13.8	0.4	26	1	US-09-522-217-39	Sequence 39, Appl	972	13.4	0.4	17	1	US-09-071-845-1862	Sequence 1862, Ap
900	13.8	0.4	26	1	US-09-593-312-2	Sequence 2, Appl	973	13.4	0.4	17	1	US-09-071-845-1918	Sequence 1918, Ap
901	13.8	0.4	26	1	US-08-923-246-39	Sequence 39, Appl	974	13.4	0.4	17	1	US-09-071-845-1952	Sequence 1952, Ap
902	13.8	0.4	26	1	US-09-658-077-1	Sequence 1, Appl	975	13.4	0.4	17	1	US-09-071-845-2007	Sequence 2007, Ap
903	13.8	0.4	26	1	US-10-295-723-39	Sequence 39, Appl	976	13.4	0.4	17	1	US-09-071-845-2009	Sequence 2009, Ap
c 904	13.8	0.4	30	1	US-09-648-040-4	Sequence 4, Appl	977	13.4	0.4	17	1	US-08-446-648-1	Sequence 1, Appl
905	13.8	0.4	42	1	US-09-244-794A-12	Sequence 12, Appl	978	13.4	0.4	17	1	US-08-584-040-4209	Sequence 4209, Ap
906	13.8	0.4	42	1	US-09-244-794A-13	Sequence 13, Appl	979	13.4	0.4	17	1	US-08-584-040-5561	Sequence 5561, Ap
907	13.8	0.4	42	1	US-09-247-190-12	Sequence 12, Appl	c 980	13.4	0.4	17	1	US-08-584-040-7350	Sequence 7350, Ap
c 908	13.8	0.4	42	1	US-09-238-710-12	Sequence 12, Appl	c 981	13.4	0.4	17	1	US-08-584-040-7396	Sequence 7396, Ap
c 909	13.8	0.4	45	1	US-09-827-289-18	Sequence 18, Appl	982	13.4	0.4	17	1	US-09-809-713-3	Sequence 3, Appl

983	13.4	0.4	17	1	US-09-370-644B-21	Sequence 21, Appl	1056	13.4	0.4	18	1	US-09-552-204A-14	Sequence 14, Appl
984	13.4	0.4	17	1	US-09-474-432B-649	Sequence 649, App	1057	13.4	0.4	18	1	US-09-232-785-391	Sequence 391, App
985	13.4	0.4	17	1	US-09-474-432B-736	Sequence 736, App	c1058	13.4	0.4	18	1	US-09-232-785-392	Sequence 392, App
986	13.4	0.4	17	1	US-09-371-772B-1976	Sequence 1976, Ap	c1059	13.4	0.4	18	1	US-09-663-667-52	Sequence 52, Appl
987	13.4	0.4	17	1	US-09-371-772B-2451	Sequence 2451, Ap	1060	13.4	0.4	18	1	PCT-US95-00464-1	Sequence 1, Appl
988	13.4	0.4	17	1	US-09-371-772B-3159	Sequence 3159, Ap	c1061	13.4	0.4	19	1	US-08-127-954-7	Sequence 7, Appl
989	13.4	0.4	17	1	US-09-371-772B-3200	Sequence 3200, Ap	1062	13.4	0.4	19	1	US-08-605-089-3	Sequence 3, Appl
990	13.4	0.4	17	1	US-09-371-772B-6200	Sequence 6200, Ap	c1063	13.4	0.4	19	1	US-08-748-591-21	Sequence 21, Appl
991	13.4	0.4	17	1	US-09-476-387-648	Sequence 648, App	c1064	13.4	0.4	19	1	US-08-850-993-19	Sequence 19, Appl
992	13.4	0.4	17	1	US-09-476-387-735	Sequence 735, App	c1065	13.4	0.4	19	1	US-09-025-769B-335	Sequence 335, App
993	13.4	0.4	17	1	US-09-982-610-1	Sequence 1, Appl	1066	13.4	0.4	19	1	US-09-144-367-49	Sequence 49, Appl
994	13.4	0.4	17	1	US-09-866-108A-1536	Sequence 1536, Ap	c1067	13.4	0.4	19	1	US-09-490-070A-335	Sequence 335, App
995	13.4	0.4	17	1	US-09-866-108A-1537	Sequence 1537, Ap	c1068	13.4	0.4	19	1	US-09-490-153-335	Sequence 335, App
996	13.4	0.4	17	1	US-09-866-108A-1538	Sequence 1538, Ap	c1069	13.4	0.4	19	1	US-09-696-791-325	Sequence 325, App
997	13.4	0.4	17	1	US-09-866-108A-2001	Sequence 2001, Ap	1070	13.4	0.4	19	1	US-09-696-791-3393	Sequence 3393, Ap
998	13.4	0.4	17	1	US-09-866-108A-2004	Sequence 2004, Ap	1071	13.4	0.4	19	1	US-09-798-743-30	Sequence 30, Appl
999	13.4	0.4	17	1	US-09-866-108A-2007	Sequence 2007, Ap	1072	13.4	0.4	24	1	US-09-475-947A-134	Sequence 134, App
1000	13.4	0.4	17	1	US-09-866-108A-2777	Sequence 2777, Ap	c1073	13.4	0.4	26	1	US-08-910-632-5	Sequence 5, Appl
1001	13.4	0.4	17	1	US-09-866-108A-2779	Sequence 2779, Ap	c1074	13.4	0.4	26	1	US-08-805-631A-5	Sequence 5, Appl
1002	13.4	0.4	17	1	US-09-866-108A-2780	Sequence 2780, Ap	c1075	13.4	0.4	26	1	US-09-569-344-5	Sequence 5, Appl
1003	13.4	0.4	17	1	US-09-866-108A-6253	Sequence 6253, Ap	1076	13.4	0.4	27	1	US-09-325-554-18	Sequence 18, Appl
1004	13.4	0.4	17	1	US-09-866-108A-6254	Sequence 6254, Ap	1077	13.4	0.4	27	1	US-10-102-720-18	Sequence 18, Appl
1005	13.4	0.4	17	1	US-09-866-108A-6255	Sequence 6255, Ap	1078	13.4	0.4	29	1	US-08-910-632-6	Sequence 6, Appl
1006	13.4	0.4	17	1	US-09-866-108A-7843	Sequence 7843, Ap	1079	13.4	0.4	29	1	US-08-805-631A-6	Sequence 6, Appl
1007	13.4	0.4	17	1	US-09-866-108A-7844	Sequence 7844, Ap	1080	13.4	0.4	29	1	US-09-569-344-6	Sequence 6, Appl
1008	13.4	0.4	17	1	US-09-866-108A-7994	Sequence 7994, Ap	1081	13.4	0.4	29	1	US-09-750-401-18	Sequence 18, Appl
1009	13.4	0.4	17	1	US-09-866-108A-9862	Sequence 9862, Ap	c1082	13.4	0.4	32	1	US-10-003-998A-4	Sequence 4, Appl
1010	13.4	0.4	17	1	US-09-866-108A-9863	Sequence 9863, Ap	1083	13.4	0.4	42	1	US-08-222-177A-53	Sequence 53, Appl
1011	13.4	0.4	17	1	US-09-404-912-564	Sequence 564, App	1084	13.2	0.3	16	1	US-09-644-827B-10	Sequence 10, Appl
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1013	13.4	0.4	17	1	PCT-US94-1294A-18	Sequence 18, Appl	1086	13.2	0.3	18	1	US-08-050-232-11	Sequence 11, Appl
1014	13.4	0.4	17	1	PCT-US95-04228-1	Sequence 1, Appl	1087	13.2	0.3	18	1	US-08-388-381-29	Sequence 29, Appl
1015	13.4	0.4	18	1	US-08-105-483-197	Sequence 197, App	c1088	13.2	0.3	18	1	US-08-145-704-42	Sequence 42, Appl
1016	13.4	0.4	18	1	US-08-220-151-78	Sequence 78, Appl	c1089	13.2	0.3	18	1	US-08-145-704-43	Sequence 43, Appl
1017	13.4	0.4	18	1	US-08-349-696-9	Sequence 9, Appl	c1090	13.2	0.3	18	1	US-08-349-696-11	Sequence 11, Appl
1018	13.4	0.4	18	1	US-08-233-009-9	Sequence 9, Appl	c1091	13.2	0.3	18	1	US-08-233-009-11	Sequence 11, Appl
1019	13.4	0.4	18	1	US-08-317-431A-8	Sequence 8, Appl	c1092	13.2	0.3	18	1	US-08-233-009-32	Sequence 32, Appl
1020	13.4	0.4	18	1	US-08-413-118-78	Sequence 78, Appl	c1093	13.2	0.3	18	1	US-08-233-009-41	Sequence 41, Appl
1021	13.4	0.4	18	1	US-08-224-657-54	Sequence 54, Appl	c1094	13.2	0.3	18	1	US-08-709-209-86	Sequence 86, Appl
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1023	13.4	0.4	18	1	US-08-458-101-197	Sequence 197, App	1096	13.2	0.3	18	1	US-08-758-306-515	Sequence 515, App
1024	13.4	0.4	18	1	US-08-466-033-236	Sequence 236, App	c1097	13.2	0.3	18	1	US-08-758-306-547	Sequence 547, App
1025	13.4	0.4	18	1	US-08-560-231-9	Sequence 9, Appl	c1098	13.2	0.3	18	1	US-08-758-306-987	Sequence 987, App
1026	13.4	0.4	18	1	US-08-444-733-236	Sequence 236, App	1099	13.2	0.3	18	1	US-08-758-306-1351	Sequence 1351, Ap
1027	13.4	0.4	18	1	US-08-184-009-52	Sequence 52, Appl	1100	13.2	0.3	18	1	US-08-311-486C-1074	Sequence 1074, Ap
1028	13.4	0.4	18	1	US-08-464-134-236	Sequence 236, App	1101	13.2	0.3	18	1	US-08-311-486C-1141	Sequence 1141, Ap
1029	13.4	0.4	18	1	US-08-461-361-236	Sequence 236, App	c1102	13.2	0.3	18	1	US-08-560-231-11	Sequence 11, Appl
1030	13.4	0.4	18	1	US-08-417-210A-52	Sequence 52, Appl	1103	13.2	0.3	18	1	US-08-110-294A-47	Sequence 47, Appl
1031	13.4	0.4	18	1	US-08-485-910-236	Sequence 236, App	1104	13.2	0.3	18	1	US-08-661-767-11	Sequence 11, Appl
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1034	13.4	0.4	18	1	US-08-442-809A-56	Sequence 56, Appl	1108	13.2	0.3	18	1	US-08-649-511A-9	Sequence 9, Appl
1035	13.4	0.4	18	1	US-08-442-809A-58	Sequence 58, Appl	1109	13.2	0.3	18	1	US-08-553-619B-24	Sequence 24, Appl
1036	13.4	0.4	18	1	US-09-205-860-74	Sequence 74, Appl	1110	13.2	0.3	18	1	US-08-347-563A-29	Sequence 29, Appl
1037	13.4	0.4	18	1	US-08-473-446-78	Sequence 78, Appl	c1111	13.2	0.3	18	1	US-09-213-027-9	Sequence 9, Appl
1038	13.4	0.4	18	1	US-09-031-897-10	Sequence 10, Appl	1112	13.2	0.3	18	1	US-08-849-021-76	Sequence 76, Appl
1039	13.4	0.4	18	1	US-09-289-466-11	Sequence 11, Appl	1113	13.2	0.3	18	1	US-08-466-860-51	Sequence 51, Appl
1040	13.4	0.4	18	1	US-09-389-466-42	Sequence 42, Appl	1114	13.2	0.3	18	1	US-09-106-038A-85	Sequence 85, Appl
1041	13.4	0.4	18	1	US-09-080-704A-9	Sequence 9, Appl	c1114	13.2	0.3	18	1	US-09-339-964-35	Sequence 35, Appl
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1045	13.4	0.4	18	1	US-09-142-334-25	Sequence 25, Appl	c1118	13.2	0.3	18	1	US-08-765-626-29	Sequence 29, Appl
1046	13.4	0.4	18	1	US-09-354-138-54	Sequence 54, Appl	c1119	13.2	0.3	18	1	US-09-143-212-68	Sequence 19, Appl
1047	13.4	0.4	18	1	US-08-584-040-8311	Sequence 8311, Ap	c1120	13.2	0.3	18	1	US-09-163-162-25	Sequence 68, Appl
1048	13.4	0.4	18	1	US-09-167-109-129	Sequence 129, App	c1121	13.2	0.3	18	1	US-09-163-162-25	Sequence 25, Appl
1049	13.4	0.4	18	1	US-09-387-341-155	Sequence 155, App	1122	13.2	0.3	18	1	US-08-043-085-6	Sequence 6, Appl
1050	13.4	0.4	18	1	US-09-425-233-4	Sequence 4, Appl	1123	13.2	0.3	18	1	US-08-472-040A-51	Sequence 51, Appl
1051	13.4	0.4	18	1	US-09-635-370-52	Sequence 52, Appl	1124	13.2	0.3	18	1	US-09-197-380-10	Sequence 20, Appl
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1053	13.4	0.4	18	1	US-09-422-978-11354	Sequence 11354, A	1126	13.2	0.3	18	1	US-08-488-214A-29	Sequence 29, Appl
1054	13.4	0.4	18	1	US-09-371-772B-3969	Sequence 3969, Ap	1127	13.2	0.3	18	1	US-08-488-208A-29	Sequence 29, Appl
1055	13.4	0.4	18	1	US-09-136-159A-52	Sequence 52, Appl	1128	13.2	0.3	18	1	US-09-213-719-64	Sequence 64, Appl









[illegible]













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/ MOLECULE TYPE: DNA (genomic)
/ IMMEDIATE SOURCE:
/ CLONE: mfd49rs
US-08-222-177A-195

Query Match 0.9%; Score 33.8; DB 1; Length 44;
Best Local Similarity 94.6%; Pred. No. 4.1;
Matches 35; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCGTGTGTGTGTGTGTCGGTGTGTGTGTGTGTGTGTGTG 2351
Db 43 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 7

RESULT 24
US-08-222-177A-241/c
/ Sequence 241, Application US/08222177A
/ Patent No. 5582979
/ GENERAL INFORMATION:
/ APPLICANT: Weber, James L.
/ TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
/ TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
/ NUMBER OF SEQUENCES: 460
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dewitt Ross & Stevens, S.C.
/ STREET: 8000 Excelsior Drive, Suite 401
/ CITY: Madison
/ STATE: Wisconsin
/ COUNTRY: USA
/ ZIP: 53717-1914
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sara, Charles S.
/ REGISTRATION NUMBER: 30,492
/ REFERENCE/DOCKET NUMBER: 09865.601
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 831-2100
/ TELEFAX: (608) 831-2106
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 241:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 44 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ IMMEDIATE SOURCE:
/ CLONE: mfd66rs
US-08-222-177A-241

Query Match 0.9%; Score 33.8; DB 1; Length 44;
Best Local Similarity 94.6%; Pred. No. 4.1;
Matches 35; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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Db 44 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 8

RESULT 25
US-08-222-177A-71/c
/ Sequence 71, Application US/08222177A
/ Patent No. 5582979
/ GENERAL INFORMATION:
/ APPLICANT: Weber, James L.
/ TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
/ TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
/ NUMBER OF SEQUENCES: 460
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dewitt Ross & Stevens, S.C.
/ STREET: 8000 Excelsior Drive, Suite 401
/ CITY: Madison
/ STATE: Wisconsin
/ COUNTRY: USA
/ ZIP: 53717-1914
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sara, Charles S.
/ REGISTRATION NUMBER: 30,492
/ REFERENCE/DOCKET NUMBER: 09865.601
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 831-2100
/ TELEFAX: (608) 831-2106
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 241:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 44 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ IMMEDIATE SOURCE:
/ CLONE: mfd66rs
US-08-222-177A-241

Query Match 0.9%; Score 33.8; DB 1; Length 46;
Best Local Similarity 94.6%; Pred. No. 4.4;
Matches 35; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCGTGTGTGTGTGTGTCGGTGTGTGTGTGTGTGTGTG 2351
Db 43 GTATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 7

RESULT 26
US-08-222-177A-101/c
/ Sequence 101, Application US/08222177A
/ Patent No. 5582979
/ GENERAL INFORMATION:
/ APPLICANT: Weber, James L.
/ TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
/ TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
/ NUMBER OF SEQUENCES: 460
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dewitt Ross & Stevens, S.C.
/ STREET: 8000 Excelsior Drive, Suite 401
/ CITY: Madison
/ STATE: Wisconsin
/ COUNTRY: USA
/ ZIP: 53717-1914
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
```

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; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 101:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd17rs
; US-08-222-177A-101

Query Match          0.9%; Score 33.8; DB 1; Length 46;
Best Local Similarity 94.6%; Pred. NO. 4.4;
Matches 35; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCGTGTCGTGTCGTGCGTCGTGTCGTGTCGTGTCGTG 2351
DB 46 GTGTGTGTCGTGTCGTGTCGTGTCGTGTCGTGTCGTG 10

RESULT 27
US-08-222-177A-226/c
; Sequence 226, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 226:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 46 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd17rs
; US-08-222-177A-364

Query Match          0.9%; Score 33.6; DB 1; Length 45;
Best Local Similarity 90.0%; Pred. NO. 4.6;
Matches 36; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTCGTGTCGTGTCGTGTCGTGTCGTGTCGTG 2357
DB 45 TGTGTGTGTCGTGTCGTGTCGTGTCGTGTCGTGTCGTG 6

RESULT 28
US-08-222-177A-364/c
; Sequence 364, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 364:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 45 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd115rs
; US-08-222-177A-364

Query Match          0.9%; Score 33.6; DB 1; Length 45;
Best Local Similarity 90.0%; Pred. NO. 4.6;
Matches 36; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTCGTGTCGTGTCGTGTCGTGTCGTGTCGTG 2357
DB 45 TGTGTGTGTCGTGTCGTGTCGTGTCGTGTCGTGTCGTG 6
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[illegible]



[illegible]









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; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd58rs
US-08-222-177A-218

Query Match      0.8%; Score 31.4; DB 1; Length 33;
Best Local Similarity 97.0%; Pred. No. 5.8;
Matches 32; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY    2319 GTGTGTTGTGTGTCGCTGTGTGTGTGTGTGTG 2351
DB    33   GTGTGTTGTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 47
US-09-383-630-13/c
; Sequence 13, Application US/09383630A
; Patent No. 6265632
; GENERAL INFORMATION:
; APPLICANT: Avner Yavon et al.
; TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
; FACTOR RECEPTOR ASSOCIATED
; CHONDRODYSPLASIA
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 2001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; Windows version 3.11
; SOFTWARE: Word for Windows version 2.0 converted
; to an ASCII file
; CURRENT APPLICATION DATA: US/09/383,630A
; APPLICATION NUMBER: US/09/383,630A
; FILING DATE: 26-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 1402/2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:

US-09-383-630-13

Query Match      0.8%; Score 31.4; DB 1; Length 33;
Best Local Similarity 97.0%; Pred. No. 5.8;
Matches 32; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY    818 CTCATCACTCGTGGCTGGTGCTGCCAG 850
DB    33   CCATCACTCGTGGCTGGTGCTGCCAG 1

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QY	2319	GTGTTGTGTGTGTCGGTGTGTGTGTGTGTGTG	2351
Db	34	GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG	2
RESULT 52			
US-08-222-177A-370/c			
; Sequence 370, Application US/08222177A			
; Patent No. 5582979			
; GENERAL INFORMATION:			
; APPLICANT: Weber, James L.			
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN			
; TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME			
; NUMBER OF SEQUENCES: 460			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Dewitt Ross & Stevens, S.C.			
; STREET: 8000 Excelsior Drive, Suite 401			
; CITY: Madison			
; STATE: Wisconsin			
; COUNTRY: USA			
; ZIP: 53717-1914			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: Floppy disk			
; COMPUTER: IBM PC compatible			
; OPERATING SYSTEM: PC-DOS/MS-DOS			
; SOFTWARE: Patent In Release #1.0, Version #1.25			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: US/08/222,177A			
; FILING DATE:			
; CLASSIFICATION: 435			
; PRIOR APPLICATION DATA:			
; APPLICATION NUMBER: US 07/341,562			
; FILING DATE: 21-APR-1989			
; ATTORNEY/AGENT INFORMATION:			
; NAME: Sara, Charles S.			
; REGISTRATION NUMBER: 30,492			
; REFERENCE/DOCKET NUMBER: 09865.601			
; TELECOMMUNICATION INFORMATION:			
; TELEPHONE: (608) 831-2100			
; TELEFAX: (608) 831-2106			
; TELEX:			
; INFORMATION FOR SEQ ID NO: 370:			
; SEQUENCE CHARACTERISTICS:			
; LENGTH: 43 base pairs			
; TYPE: nucleic acid			
; STRANDEDNESS: double			
; TOPOLOGY: linear			
; MOLECULE TYPE: DNA (genomic)			
; IMMEDIATE SOURCE:			
; CLONE: mfd117rs			
US-08-222-177A-370			
Query Match 0.8%; Score 31.4; DB 1; Length 43;			
Best Local Similarity 97.0%; Pred.No.8.9;			
Matches 32; Conservative 0; Mismatches 1; Indels 0; Gaps 0;			
QY	2318	TGTGTGTGTGTGTGCGTGCTGTGTGTGTGTGTGT	2350
Db	43	TGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT	11
RESULT 53			
US-08-222-177A-343/c			
; Sequence 343, Application US/08222177A			
; Patent No. 5582979			
; GENERAL INFORMATION:			
; APPLICANT: Weber, James L.			
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN			
; TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME			
; NUMBER OF SEQUENCES: 460			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Dewitt Ross & Stevens, S.C.			

[illegible]

```

; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 340:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd107rs
; US-08-222-177A-340

Query Match. 0.8%; Score 30.4; DB 1; Length 42;
Best Local Similarity 96.9%; Pred. No. 12;
Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTGTGTGTGTGTGTGTGT 2350
      |||||
Db 42 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 11

RESULT 58
US-08-222-177A-215/c
; Sequence 215, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; NUMBER OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Demitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 215:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 base pairs

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; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd57rs
US-08-222-177A-215

Query Match      0.8%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 10;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY   2319 GTGTGTTGGTGCCTGTCGTGTCGTGTCGTG    2349
DB       |||||||||
        31 GTGTGTTGGTGCCTGTCGTGTCGTGTCGTG    1

RESULT 59
US-08-222-177A-235/c
; Sequence 235, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 31 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd79rs
US-08-222-177A-271

Query Match      0.8%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 10;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY   2318 TGTGTGTTGGTGCGTGTGTCGTGTCGTG    2348
DB       |||||||||
        31 TGTGTGTTGGTGCGTGTGTCGTGTCGTG    1

RESULT 61
US-08-222-177A-352/c
; Sequence 352, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:

```

/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent In Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA: US/08/222,177A  
/ FILING DATE:  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA: US 07/341,562  
/ FILING DATE: 21-APR-1989  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Sara, Charles S.  
/ REGISTRATION NUMBER: 30,492  
/ REFERENCE/DOCKET NUMBER: 09865.601  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (608) 831-2100  
/ TELEFAX: (608) 831-2106  
/ TELEX:  
/ INFORMATION FOR SEQ ID NO: 352:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 41 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: double  
/ MOLECULE TYPE: DNA (genomic)  
/ IMMEDIATE SOURCE:  
/ CLONE: mfd111rs  
/ US-08-222-177A-352

Query Match 0.8%; Score 29.4; DB 1; Length 41;  
Best Local Similarity 96.8%; Pred. No. 16;  
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTGTGTGTGTGTGT 2348  
DB 41 TGTGTGTGTGTGTGTGTGTGTGTGTGTGT 11

RESULT 62  
US-08-222-177A-355/c  
/ Sequence 355, Application US/08222177A  
/ Patent No. 5582979  
/ GENERAL INFORMATION:  
/ APPLICANT: Weber, James L.  
/ TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
/ TITLE OF INVENTION: (dc-da)n (dg-dt)n SEQUENCES AND METHODS OF USING SAME  
/ NUMBER OF SEQUENCES: 460  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: DeWitt Ross & Stevens, S.C.  
/ STREET: 8000 Excelsior Drive, Suite 401  
/ CITY: Madison  
/ STATE: Wisconsin  
/ COUNTRY: USA  
/ ZIP: 53717-1914  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent In Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ FILING DATE:  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: US 07/341,562  
/ FILING DATE: 21-APR-1989  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Sara, Charles S.  
/ REGISTRATION NUMBER: 30,492  
/ REFERENCE/DOCKET NUMBER: 09865.601  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (608) 831-2100

/ TELEFAX: (608) 831-2106  
/ TELEX:  
/ INFORMATION FOR SEQ ID NO: 355:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 41 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: double  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (genomic)  
/ IMMEDIATE SOURCE:  
/ CLONE: mfd111rs  
/ US-08-222-177A-355

Query Match 0.8%; Score 29.4; DB 1; Length 41;  
Best Local Similarity 96.8%; Pred. No. 16;  
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTGTGTGTGTGTGT 2348  
DB 41 TGTGTGTGTGTGTGTGTGTGTGTGTGTGT 11

RESULT 63  
US-08-222-177A-331/c  
/ Sequence 331, Application US/08222177A  
/ Patent No. 5582979  
/ GENERAL INFORMATION:  
/ APPLICANT: Weber, James L.  
/ TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
/ TITLE OF INVENTION: (dc-da)n (dg-dt)n SEQUENCES AND METHODS OF USING SAME  
/ NUMBER OF SEQUENCES: 460  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: DeWitt Ross & Stevens, S.C.  
/ STREET: 8000 Excelsior Drive, Suite 401  
/ CITY: Madison  
/ STATE: Wisconsin  
/ COUNTRY: USA  
/ ZIP: 53717-1914  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent In Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/222,177A  
/ FILING DATE:  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: US 07/341,562  
/ FILING DATE: 21-APR-1989  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Sara, Charles S.  
/ REGISTRATION NUMBER: 30,492  
/ REFERENCE/DOCKET NUMBER: 09865.601  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (608) 831-2100  
/ TELEFAX: (608) 831-2106  
/ TELEX:  
/ INFORMATION FOR SEQ ID NO: 331:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 39 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: double  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (genomic)  
/ IMMEDIATE SOURCE:  
/ CLONE: mfd104rs  
/ US-08-222-177A-331

Query Match 0.8%; Score 29; DB 1; Length 39;  
Best Local Similarity 86.5%; Pred. No. 17;  
Matches 32; Conservative 0; Mismatches 5; Indels 0; Gaps 0;







ZIP: 94306-2155  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/689,856  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/455,627  
FILING DATE: 31-MAY-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Nakamura, Jackie N.  
REGISTRATION NUMBER: 35,966  
REFERENCE/DOCKET NUMBER: LYNX-003/01 US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-843-5000  
TELEFAX: 415-857-0663  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 29 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-689-856-25

Query Match 0.7%; Score 27.4; DB 1; Length 29;  
Best Local Similarity 96.8%; Pred. No. 18;  
Matches 28; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTG 2347  
Db 29 GTGTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 70  
US-08-222-177A-451/c  
Sequence 451, Application US/08222177A  
Patent No. 5582979  
GENERAL INFORMATION:  
APPLICANT: Weber, James L.  
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
TITLE OF INVENTION: (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME  
NUMBER OF SEQUENCES: 460  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dewitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,177A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/341,562  
FILING DATE: 21-APR-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106

TELEX:  
INFORMATION FOR SEQ ID NO: 451:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 28 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-222-177A-451

Query Match 0.7%; Score 26.4; DB 1; Length 28;  
Best Local Similarity 96.4%; Pred. No. 24;  
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTG 2346  
Db 28 GTGTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 71  
US-08-676-279-33  
Sequence 33, Application US/08676279  
Patent No. 5869247  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: MACROPHAGE NUCLEOTIDE SEQUENCE  
NUMBER OF SEQUENCES: 63  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30 (BPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/676,279  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB95/00095  
APPLICATION NUMBER: GB 9400929.7  
FILING DATE: 19-JAN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9422021.7  
FILING DATE: 31-OCT-1994  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 34 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-08-676-279-33

Query Match 0.7%; Score 26; DB 1; Length 34;  
Best Local Similarity 85.3%; Pred. No. 37;  
Matches 29; Conservative 0; Mismatches 5; Indels 0; Gaps 0;  
QY 2318 TGTGTGTGTGTGTGCGTGTGTGTGTGTG 2351  
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTGTG 34

RESULT 72  
US-08-455-627-23/c  
Sequence 23, Application US/08455627  
Patent No. 5571677  
GENERAL INFORMATION:  
APPLICANT: Sergei M. Gryaznov  
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply  
TITLE OF INVENTION: Connected Macromolecular Structures  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward LLP  
STREET: Five Palo Alto Square, 3000 El Camino Real  
CITY: Palo Alto  
STATE: California

```
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,627
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N.
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: LYNX-003/01 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-455-627-23

Query Match 0.7%; Score 25.4; DB 1; Length 27;
Best Local Similarity 96.3%; Pred. No. 31;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTG 2345
Db 27 GTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 73
US-08-222-177A-143/c
; Sequence 143, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dc-da)n.(dg-gt)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 143:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd31rs
US-08-222-177A-143

Query Match 0.7%; Score 25.4; DB 1; Length 27;
Best Local Similarity 96.3%; Pred. No. 31;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGTGTGTG 2344
Db 27 TGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 74
US-08-689-856-23/c
; Sequence 23, Application US/08689856
; Patent No. 5830658
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
; TITLE OF INVENTION: Connected Macromolecular Structures
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward LLP
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,856
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,627
; FILING DATE: 31-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N.
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: LYNX-003/01 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-856-23

Query Match 0.7%; Score 25.4; DB 1; Length 27;
Best Local Similarity 96.3%; Pred. No. 31;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTG 2345
Db 27 GTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 75
```

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; MOLECULE TYPE: DNA (genomic)
US-08-222-177A-415

Query Match      0.7%; Score 25.2; DB 1; Length 30;
Best Local Similarity 90.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY   2318 TGTGTTGTGTGTGTGCCTGGTGTGTGTGTG 2347
      |||
Db    30 TGTGTTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 77
US-07-997-133-4/c
; Sequence 4, Application US/07997133
; Patent No. 5288855
; GENERAL INFORMATION:
; APPLICANT: Bergonzoni, Laura
; APPLICANT: Mazue, Guy
; APPLICANT: Isacchi, Antonella
; APPLICANT: Roncucci, Romeo
; APPLICANT: Sarmientos, Paolo
; TITLE OF INVENTION: Extracellular Form of the Human
; TITLE OF INVENTION: Fibroblast Growth Factor Receptor
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 Jefferson Davis Highway, Fourth Floor
; CITY: Arlington
; STATE: Virginia
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/997,133
; FILING DATE: 28-DEC-1992
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/642,755
; FILING DATE: 18-JAN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Oblon, No. 5288855man F.
; REGISTRATION NUMBER: 24,618
; REFERENCE/DOCKET NUMBER: 769-226-0
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)521-4500
; TELEFAX: (703)486-2347
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-997-133-4

Query Match      0.6%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 68;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY   .1963 TGTGTCATGCCCGCCCTCCAGAGCCC 1992
      |||
Db    30 TGTGTCATGCAGTGCCCTCACAGAGCCC 1

RESULT 78
US-07-997-133-4/c
; Sequence 4, Application US/07997133
```

```
/
/ GENERAL INFORMATION:
/ APPLICANT: Bergonzoni, Laura
/ APPLICANT: Mazue, Guy
/ APPLICANT: Isacchi, Antonella
/ APPLICANT: Roncucci, Romeo
/ APPLICANT: Sarmientos, Paolo
/ TITLE OF INVENTION: Extracellular Form of the Human
/ NUMBER OF SEQUENCES: 8
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
/ ADDRESSEE: P.C.
/ STREET: 1755 Jefferson Davis Highway, Fourth Floor
/ CITY: Arlington
/ STATE: Virginia
/ ZIP: 22202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/997,133
/ FILING DATE: 28-DEC-1992
/ CLASSIFICATION: 530
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/07/642,755
/ FILING DATE: 18-JAN-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Oblon, Norman F.
/ REGISTRATION NUMBER: 24,618
/ REFERENCE/DOCKET NUMBER: 769-226-0
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 521-4500
/ TELEFAX: (703) 486-2347
/ TELEX: 248855 OPAT UR
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 30 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-07-997-133-4

Query Match 0.6%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 68;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1963 TGTGCGATGCGCGCCCTCCACAGAGCCC 1992
Db 30 TGTGCGATGCGCGCCCTCCACAGAGCCC 1

RESULT 79
US-08-222-177A-146/c
Sequence 146, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
PRIORITY INFORMATION:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:

/
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/222,177A
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/341,562
/ FILING DATE: 21-APR-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sara, Charles S.
/ REGISTRATION NUMBER: 30,492
/ REFERENCE/DOCKET NUMBER: 09865.601
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (608) 831-2100
/ TELEFAX: (608) 831-2106
/ TELEX:

/
/ INFORMATION FOR SEQ ID NO: 146:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 25 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ IMMEDIATE SOURCE:
/ CLONE: mfd32rs
/ US-08-222-177A-146

Query Match 0.6%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 54;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGT 2342
Db 25 TGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 80
US-08-222-177A-312/c
Sequence 312, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
PRIORITY INFORMATION:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
```



; SEQ ID NO 8  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer used in  
; OTHER INFORMATION: amplification of ovine FGFR3  
US-09-099-749-8

Query Match 0.6%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 70;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1985 AGAGGCCACCTTCAGAGCAGCT 2006  
DB 22 AGAGGCCACCTTCAGAGCAGCT 1

## RESULT 84

US-09-425-462-21  
; Sequence 21, Application US/09425462  
; Patent No. 6610540  
; GENERAL INFORMATION:  
; APPLICANT: Cssete, Marie  
; APPLICANT: Doyle, John  
; APPLICANT: Wold, Barbara  
; APPLICANT: McKay, Ron  
; APPLICANT: Studer, Lorenz  
; TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System  
; FILE REFERENCE: seq1st  
; CURRENT APPLICATION NUMBER: US/09/425,462  
; CURRENT FILING DATE: 1999-10-22  
; EARLIER APPLICATION NUMBER: 09/195,569  
; EARLIER FILING DATE: 1998-11-18  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 21  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Forward PCR  
; OTHER INFORMATION: primer for FGFR3  
US-09-425-462-21

Query Match 0.6%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 70;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGGAGATGACGAGAC 183  
DB 1 ATCTCGGGAGATGACGAGAC 22

## RESULT 85

US-09-425-462-22/c  
; Sequence 22, Application US/09425462  
; Patent No. 6610540  
; GENERAL INFORMATION:  
; APPLICANT: Cssete, Marie  
; APPLICANT: Doyle, John  
; APPLICANT: Wold, Barbara  
; APPLICANT: McKay, Ron  
; APPLICANT: Studer, Lorenz  
; TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System  
; FILE REFERENCE: seq1st  
; CURRENT APPLICATION NUMBER: US/09/425,462  
; CURRENT FILING DATE: 1999-10-22  
; EARLIER APPLICATION NUMBER: 09/195,569  
; EARLIER FILING DATE: 1998-11-18  
; NUMBER OF SEQ ID NOS: 24

; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 22  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:Reverse PCR  
; OTHER INFORMATION: primer for FGFR3  
US-09-425-462-22

Query Match 0.6%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 70;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GAGACAAAGTTTGGCAGCATCC 487  
DB 22 GAGACAAAGTTTGGCAGCATCC 1

## RESULT 86

US-07-631-717A-5/c  
; Sequence 5, Application US/07631717A  
; Patent No. 5270197  
; GENERAL INFORMATION:  
; APPLICANT: Yayon, Avner  
; APPLICANT: Ornitz, David M.  
; APPLICANT: Klagebrun, Michael  
; APPLICANT: Leder, Philip  
; TITLE OF INVENTION: SYSTEM FOR ASSAYING BINDING  
; TITLE OF INVENTION: TO A HEPARIN-BINDING GROWTH  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02110-2804  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; COMPUTER: IBM PS/2 Model 502 or 55SX  
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
; SOFTWARE: WordPerfect (Version 5.0)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/631,717A  
; FILING DATE: 19901220  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul T. Clark  
; REGISTRATION NUMBER: 30,162  
; REFERENCE/DOCKET NUMBER: 00383/018001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 542-5070  
; TELEFAX: (617) 542-8906  
; TELEX: 200154  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-07-631-717A-5

Query Match 0.6%; Score 22; DB 1; Length 28;  
Best Local Similarity 100.0%; Pred. No. 1e+02;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1348 GAGATGGAGATGATGAAGATGA 1369  
|||||





Query Match	0.6%;	Score 21;	DB 1;	Length 30;
Best Local Similarity	82.8%;	Pred. No. 1.6e+02;		
Matches	24;	Conservative	0;	Mismatches 5; Indels 0; Gaps 0;
<p>US-08-859-998-172</p> <p>Query Match 0.6%; Score 21; DB 1; Length 30;</p> <p>Best Local Similarity 82.8%; Pred. No. 1.6e+02;</p> <p>Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;</p> <p>US-08-859-998-172</p> <p>Query Match 0.6%; Score 21; DB 1; Length 30;</p> <p>Best Local Similarity 82.8%; Pred. No. 1.6e+02;</p> <p>Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;</p>				
QY	1572	CCAGTGGCCCGGGCATGGAGTACTGG	1600	
DB	29	CCAGTGGCTAAGGGCATGGAGTCTTGG	1	
<p>RESULT 92</p> <p>US-09-225-928-172/c</p> <p>Sequence 172, Application US/09225928</p> <p>Patent No. 6352829</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Chenchik, Alex</p> <p>Jokhadze, George</p> <p>Bibilashvilli, Robert</p> <p>TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL EXPRESSION</p> <p>NUMBER OF SEQUENCES: 1375</p> <p>CORRESPONDENCE ADDRESS:</p> <p>ADDRESSEE: Fish &amp; Richardson, P.C.</p> <p>STREET: 2200 Sand Hill Road, Suite 100</p> <p>CITY: Menlo Park</p> <p>STATE: CA</p> <p>COUNTRY: US</p> <p>ZIP: 94025</p> <p>COMPUTER READABLE FORM:</p> <p>MEDIUM TYPE: Diskette</p> <p>COMPUTER: IBM Compatible</p> <p>OPERATING SYSTEM: Windows95</p> <p>SOFTWARE: FastSeq for Windows Version 2.0</p> <p>CURRENT APPLICATION DATA:</p> <p>APPLICATION NUMBER: US/09/225,928</p> <p>FILING DATE: 05-Jan-1999</p> <p>CLASSIFICATION: &lt;Unknown&gt;</p> <p>PRIOR APPLICATION DATA:</p> <p>APPLICATION NUMBER: 08/859,998</p> <p>FILING DATE: 21-MAY-1997</p> <p>ATTORNEY/AGENT INFORMATION:</p> <p>NAME: Field, Bret E.</p> <p>REGISTRATION NUMBER: 37,620</p> <p>REFERENCE/DOCKET NUMBER: 09096/002001</p> <p>TELECOMMUNICATION INFORMATION:</p> <p>TELEPHONE: 415-322-5070</p> <p>TELEFAX: 415-854-0875</p> <p>INFORMATION FOR SEQ ID NO: 172:</p> <p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 30 base pairs</p> <p>TYPE: nucleic acid</p> <p>STRANDEDNESS: single</p> <p>TOPOLOGY: linear</p> <p>MOLECULE TYPE: DNA</p> <p>FEATURE:</p> <p>OTHER INFORMATION: oligonucleotide primer</p> <p>SEQUENCE DESCRIPTION: SEQ ID NO: 172:</p> <p>US-09-225-928-172</p>				
QY	1572	CCAGTGGCCCGGGCATGGAGTACTGG	1600	
DB	29	CCAGTGGCTAAGGGCATGGAGTCTTGG	1	
<p>Query Match 0.6%; Score 21; DB 1; Length 30;</p> <p>Best Local Similarity 82.8%; Pred. No. 1.6e+02;</p> <p>Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;</p>				
<p>US-09-225-928-172/c</p> <p>Sequence 172, Application US/08859998</p> <p>Patent No. 5994076</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Chenchik, Alex</p> <p>Jokhadze, George</p> <p>Bibilashvilli, Robert</p> <p>TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL EXPRESSION</p> <p>NUMBER OF SEQUENCES: 1375</p> <p>CORRESPONDENCE ADDRESS:</p> <p>ADDRESSEE: Fish &amp; Richardson, P.C.</p> <p>STREET: 2200 Sand Hill Road, Suite 100</p> <p>CITY: Menlo Park</p> <p>STATE: CA</p> <p>COUNTRY: US</p> <p>ZIP: 94025</p> <p>COMPUTER READABLE FORM:</p> <p>MEDIUM TYPE: Diskette</p> <p>COMPUTER: IBM Compatible</p> <p>OPERATING SYSTEM: Windows95</p> <p>SOFTWARE: FastSeq for Windows Version 2.0</p> <p>CURRENT APPLICATION DATA:</p> <p>APPLICATION NUMBER: US/08/859,998</p> <p>FILING DATE: 21-MAY-1997</p> <p>CLASSIFICATION: 435</p> <p>PRIOR APPLICATION DATA:</p> <p>APPLICATION NUMBER:</p> <p>FILING DATE:</p> <p>ATTORNEY/AGENT INFORMATION:</p> <p>NAME: Field, Bret E.</p> <p>REGISTRATION NUMBER: 37,620</p> <p>REFERENCE/DOCKET NUMBER: 09096/002001</p> <p>TELECOMMUNICATION INFORMATION:</p> <p>TELEPHONE: 415-322-5070</p> <p>TELEFAX: 415-854-0875</p> <p>INFORMATION FOR SEQ ID NO: 172:</p> <p>SEQUENCE CHARACTERISTICS:</p> <p>LENGTH: 30 base pairs</p>				



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, REFERENCE/DOCKET NUMBER: 110.00030120
,
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: 612-305-1217
, TELEFAX: 612-305-1228
, INFORMATION FOR SEQ ID NO: 36:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 27 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: DNA
, US-08-267-803B-36

```

Query Match	0.5%	Score 20.6;	DB 1;	Length 27;
Best Local Similarity	85.2%	Pred. No. 1.5e+02;		
Matches 23; Conservative	0;	Mismatches 4;	Indels 0;	Gaps 0;

QY 2335 GTGTGTGTGTGTGTGCACATCCGCG 2361  
|||||  
Db 27 GTGTGTGTGTGTGTGGATCCGGG 1

```

RESULT 96
US-08-222-177A-125/c
; Sequence 125, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222.177A

```

NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 09865.601  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (608) 831-2100  
TELEFAX: (608) 831-2106  
TELEX:  
INFORMATION FOR SEQ ID NO: 125:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: mfd25fs  
US-08-222-177A-125

Query Match 0.5% Score 20.4; DB 1; Length 22;  
Best Local Similarity 95.5%; Pred. No. 1.2e+02;  
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2319 GTGTGTGTGTGTGCGTGTGT 2340  
|||  
pb 22 GTGTGTGTGTGTGTGTGTGTGT 1

RESULT 97  
PCT-US92-10792-45/C  
Sequence 45, Application PC/TUS9210792  
GENERAL INFORMATION:  
APPLICANT: Jayasana, Sumedha D.  
APPLICANT: Johnston, Brian H.  
TITLE OF INVENTION: Triple Helix Formation at  
TITLE OF INVENTION: (PUNPyN)-(PUNPyN) Tracts  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SRI International  
STREET: 333 Ravenswood Avenue  
CITY: Menlo Park  
STATE: CA  
COUNTRY: USA  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/10792  
FILING DATE: 19921121  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,934  
FILING DATE: 21-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/808,452  
FILING DATE: 13-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: P-3141  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 859-4550  
TELEFAX: (415) 859-3880  
INFORMATION FOR SEQ ID NO: 45:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: FIGURE 14A, TARGET SEQU  
PCT-US92-10792-45

```
Query Match          0.5%; Score 20.4; DB 1; Length 26;
Best Local Similarity 95.5%; Pred. No. 1.6e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 2331 GTCCGTGTGTGTGTGTGC 2352  
 |||||  
 Db 22 GTGTGTGTGTGTGTGTGC 1

RESULT 98  
US-08-915-609-2  
; Sequence 2, Application US/08915609  
; Patent No. 6054300  
; GENERAL INFORMATION:  
; APPLICANT: McKendree Jr., William  
; TITLE OF INVENTION: Single-Site Am  
; TITLE OF INVENTION: Development of  
; FILE REFERENCE: 0115.97

```
; ; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-1107  
  
Query Match 0.5%; Score 19.8; DB 1; Length 26;  
Best Local Similarity 91.3%; Pred. No. 1.9e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 2546 TGGCTCGGCCTCTGCTTTGCAC 2568  
Db 1 TGGGTCCGGCCTCTACTTTCAC 23  
  
RESULT 100  
US-09-225-928-1107  
; Sequence 1107, Application US/09225928  
; Patent No. 6352829  
; GENERAL INFORMATION:  
; APPLICANT: Chenchik, Alex  
; Jakhadze, George  
; Bibilashvili, Robert  
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
; EXPRESSION  
; NUMBER OF SEQUENCES: 1375  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 2200 Sand Hill Road, Suite 100  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/225,928  
; FILING DATE: 05-Jan-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/859,998  
; FILING DATE: 21-MAY-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Field, Bret E.  
; REGISTRATION NUMBER: 37,620  
; REFERENCE/DOCKET NUMBER: 09096/002001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-322-5070  
; TELEFAX: 415-854-0875  
; INFORMATION FOR SEQ ID NO: 1107:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 26 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
; SEQUENCE DESCRIPTION: SEQ ID NO: 1107:  
US-09-225-928-1107  
  
Query Match 0.5%; Score 19.8; DB 1; Length 26;  
Best Local Similarity 91.3%; Pred. No. 1.9e+02;  
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 2546 TGGCTCGGCCTCTGCTTTGCAC 2568  
Db 1 TGGGTCCGGCCTCTACTTTCAC 23  
  
RESULT 101  
US-09-225-201B-1107
```

```
/ Sequence 1107, Application US/09225201B
/ Patent No. 6489455
/ GENERAL INFORMATION:
/ APPLICANT: Chenchik, Alex
/      Jokhadze, George
/      Bibilashvilli, Robert
/ TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
/      EXPRESSION
/ NUMBER OF SEQUENCES: 1375
/ CORRESPONDENCE ADDRESSES:
/ ADDRESSEE: Fish & Richardson, P.C.
/ STREET: 2200 Sand Hill Road, Suite 100
/ CITY: Menlo Park
/ STATE: CA
/ COUNTRY: US
/ ZIP: 94025
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows95
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/225,201B
/ FILING DATE: 05-Jan-1999
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/859,998
/ FILING DATE: 21-MAY-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Field, Bret E.
/ REGISTRATION NUMBER: 37,620
/ REFERENCE/DOCKET NUMBER: 09096/002001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-322-5070
/ TELEFAX: 415-322-5070
/ INFORMATION FOR SEQ ID NO: 1107:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 26 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide primer
/ SEQUENCE DESCRIPTION: SEQ ID NO: 1107:
US-09-225-201B-1107
Query Match 0.5%; Score 19.8; DB 1; Length 26;
Best Local Similarity 91.3%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2546 TGGCTGGCCTCTGCTTTGCAC 2568
DB 1 TGGTGGCCTCTACCTTTGCAC 23

RESULT 102
US-08-915-609-1/c
/ Sequence 1, Application US/08915609
/ Patent No. 6054300
/ GENERAL INFORMATION:
/ APPLICANT: McKendree Jr., William L.
/ TITLE OF INVENTION: Single-Site Amplification (SSA) Method for Accelerated
/      TITLE OF INVENTION: Development of Nucleic Acid Marker
/ FILE REFERENCE: 0115.97
/ CURRENT APPLICATION NUMBER: US/08/915,609
/ CURRENT FILING DATE: 1997-08-21
/ EARLIER APPLICATION NUMBER: 60/028,775
/ EARLIER FILING DATE: 1996-08-23
/ NUMBER OF SEQ ID NOS: 6
/ SOFTWARE: PatentIn Ver. 2.0 - beta
/ SEQ ID NO 1
/ LENGTH: 27
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/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
/ FEATURE:
/ NAME/KEY: primer bind
/ LOCATION: (1)..(27)
/ FEATURE:
/ NAME/KEY: primer bind
/ LOCATION: (1)..(27)
US-08-915-609-1
Query Match 0.5%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2331 GTGCGTGTGTGTGTGTGTGCA 2353
DB 27 GTGTGTGTGTGTGTGTGTGAA 5

RESULT 103
US-08-859-998-350/c
/ Sequence 350, Application US/08859998
/ Patent No. 5994076
/ GENERAL INFORMATION:
/ APPLICANT: Chenchik, Alex
/ APPLICANT: Jokhadze, George
/ APPLICANT: Bibilashvilli, Robert
/ TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
/      TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 1375
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Fish & Richardson, P.C.
/ STREET: 2200 Sand Hill Road, Suite 100
/ CITY: Menlo Park
/ STATE: CA
/ COUNTRY: US
/ ZIP: 94025
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: Windows95
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/859,998
/ FILING DATE: 21-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Field, Bret E.
/ REGISTRATION NUMBER: 37,620
/ REFERENCE/DOCKET NUMBER: 09096/002001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415-322-5070
/ TELEFAX: 415-854-0875
/ INFORMATION FOR SEQ ID NO: 350:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 28 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide primer
US-08-859-998-350
Query Match 0.5%; Score 19.6; DB 1; Length 28;
Best Local Similarity 84.6%; Pred. No. 2.3e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 1765 GAGGCCTTGTTCACCGAGTCTACAC 1790  
||||| ||||| ||||| ||||| |||||  
Db 27 GAGGCATTATTGACCGGATCTACAC 2

RESULT 104  
US-09-225-928-350/c  
; Sequence 350, Application US/09225928  
; Patent No. 6352829  
; GENERAL INFORMATION:  
; APPLICANT: Chenchik, Alex  
; ; Jekhade, George  
; ; Bibilashvilli, Robert  
; ;  
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
; ; EXPRESSION  
; ;  
; NUMBER OF SEQUENCES: 1375  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 2200 Sand Hill Road, Suite 100  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/225,928  
; FILING DATE: 05-Jan-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION NUMBER:  
; FILING DATE: 21-MAY-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Field, Bret E.  
; REGISTRATION NUMBER: 37,620  
; REFERENCE/DOCKET NUMBER: 09096/002001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-322-5070  
; TELEFAX: 415-854-0875  
; INFORMATION FOR SEQ ID NO: 350:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
; SEQUENCE DESCRIPTION: SEQ ID NO: 350:  
US-09-225-928-350  
Query Match 0.5%; Score 19.6; DB 1; Length 28;  
Best Local Similarity 84.6%; Pred. No. 2.3e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1765 GAGGCCTTGTTCACCGAGTCTACAC 1790  
||||| ||||| ||||| ||||| |||||  
Db 27 GAGGCATTATTGACCGGATCTACAC 2

RESULT 105  
US-09-225-201B-350/c  
; Sequence 350, Application US/09225201B  
; Patent No. 6489455  
; GENERAL INFORMATION:  
; APPLICANT: Chenchik, Alex  
; ; Jekhade, George  
; ; Bibilashvilli, Robert  
; ;  
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
; ; EXPRESSION  
; ;  
; NUMBER OF SEQUENCES: 1375  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 2200 Sand Hill Road, Suite 100  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows95  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/225,928  
; FILING DATE: 05-Jan-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION NUMBER:  
; FILING DATE: 21-MAY-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Field, Bret E.  
; REGISTRATION NUMBER: 37,620  
; REFERENCE/DOCKET NUMBER: 09096/002001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-322-5070  
; TELEFAX: 415-854-0875  
; INFORMATION FOR SEQ ID NO: 350:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 28 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide primer  
; SEQUENCE DESCRIPTION: SEQ ID NO: 350:  
US-09-225-928-350  
Query Match 0.5%; Score 19.6; DB 1; Length 28;  
Best Local Similarity 84.6%; Pred. No. 2.3e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 350:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 28 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 350:  
US-09-225-201B-350  
Query Match 0.5%; Score 19.6; DB 1; Length 28;  
Best Local Similarity 84.6%; Pred. No. 2.3e+02;  
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1765 GAGGCCTTGTTCACCGAGTCTACAC 1790  
||||| ||||| ||||| ||||| |||||  
Db 27 GAGGCATTATTGACCGGATCTACAC 2

RESULT 106  
US-08-222-177A-160/c  
; Sequence 160, Application US/08222177A  
; Patent No. 5582979  
; GENERAL INFORMATION:  
; APPLICANT: Weber, James L.  
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
; ; (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME  
; ;  
; NUMBER OF SEQUENCES: 460  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dewitt Ross & Stevens, S.C.  
; STREET: 8000 Excelsior Drive, Suite 401  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: USA  
; ZIP: 53717-1914  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/222,177A  
; FILING DATE:  
; CLASSIFICATION: 435

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd37rs
; US-08-222-177A-160

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGT 2338
Db 21 TGTGTGTGTGTGTGTGTGT 1

RESULT 107
US-08-471-570-16
; Sequence 16, Application US/08471570
; Patent No. 5750371
; GENERAL INFORMATION:
; APPLICANT: IGARASHI, Koichi
; APPLICANT: SENO, Masaharu
; APPLICANT: WATANABE, Tatsuya
; TITLE OF INVENTION: PROTEIN, DNA AND USE THEREOF
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
; ADDRESS: CUSHMAN
; STREET: 130 Water Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: US
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/471,570
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/149,664
; FILING DATE:
; APPLICATION NUMBER: US 07/743369
; FILING DATE: 16-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: LINEK, Ernest V
; REGISTRATION NUMBER: 29822
; REFERENCE/DOCKET NUMBER: 40897
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)523-3400
; TELEFAX: (617)523-6440
; TELEX: 200231 STRE UR
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
; US-08-471-570-16

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1345 TCTGAGATGGAGATGATGAAG 1365
Db 1 TCAGAGATGGAGATGATGAAG 21

RESULT 108
US-08-529-878B-9
; Sequence 9, Application US/08529878B
; Patent No. 5932556
; GENERAL INFORMATION:
; APPLICANT: Tam, Robert C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: REGULATION OF CD28 EXPRESSION
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Crockett & Fish
; STREET: 3000 S. Augusta Court
; CITY: La Habra
; STATE: California
; COUNTRY: United States of America
; ZIP: 90631
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,878B
; FILING DATE: 13-SEP-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Fish, Robert D.
; REGISTRATION NUMBER: 33,880
; REFERENCE/DOCKET NUMBER: 213/003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-525-3433
; TELEFAX: 714-525-3303
; TELEX:
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-529-878B-9

Query Match 0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGCGTGTG 2339
Db 1 GTGTGTGTGTGTGTGTGTGTG 21

RESULT 109
US-09-014-241-15
; Sequence 15, Application US/09014241
; Patent No. 618355
; GENERAL INFORMATION:
; APPLICANT: ANDERSSON, Leif
```



APPLICANT: MOLLER, Maria J  
APPLICANT: WALES, Richard  
APPLICANT: SIGGENS, Kenneth W.  
APPLICANT: PLASTOW, Graham S.  
TITLE OF INVENTION: Methods for Determining the Coat Colour Genotype of a  
TITLE OF INVENTION: Pig  
FILE REFERENCE: 064727.0103  
CURRENT APPLICATION NUMBER: US/09/014,241  
EARLIER FILING DATE: 1998-01-27  
EARLIER APPLICATION NUMBER: PCT/GB96/01794  
EARLIER FILING DATE: 1996-07-24  
EARLIER APPLICATION NUMBER: GB 9515385.4  
EARLIER FILING DATE: 1995-07-27  
EARLIER APPLICATION NUMBER: GB 9525364.7  
EARLIER FILING DATE: 1995-12-12  
NUMBER OF SEQ ID NOS: 16  
SOFTWARE: PatentIn Ver. 2.0 - beta  
SEQ ID NO 15  
LENGTH: 26  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Derivative of  
OTHER INFORMATION: pig sequence  
US-09-014-241-15

Query Match 0.5%; Score 19.4; DB 1; Length 26;  
Best Local Similarity 80.0%; Pred. No. 2.2e+02;  
Matches 20; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1796 AGAGTCAGCTGCTGCTTGGGT 1820  
Db 2 AAAGTCAGCTGCTGCTTGGGT 26

RESULT 110  
PCT-US92-10792-44  
Sequence 44, Application PC/TUS9210792  
GENERAL INFORMATION:  
APPLICANT: Javasona, Samedha D.  
APPLICANT: Johnston, Brian H.  
TITLE OF INVENTION: Triple Helix Formation at  
TITLE OF INVENTION: (PUNPYN)-(PUNPYN) Tracts  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SRI International  
STREET: 333 Ravenswood Avenue  
CITY: Menlo Park  
STATE: CA  
COUNTRY: USA  
ZIP: 94025  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/10792  
FILING DATE: 19921211  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,934  
FILING DATE: 21-JAN-1992  
PRIOR APPLICATION DATA: US 07/808,452  
APPLICATION NUMBER: 13-DEC-1991  
FILING DATE: 13-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: P-3141  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 859-4550  
TELEFAX: (415) 859-3880

INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: FIGURE 14A, TARGET SEQUENCE #8  
PCT-US92-10792-44

Query Match 0.5%; Score 19.4; DB 1; Length 26;  
Best Local Similarity 95.2%; Pred. No. 2.2e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTG 2339  
Db 6 GTGTGTGTGTGTGTGTGTGTGTG 26

RESULT 111  
US-09-140-378A-3/c  
Sequence 3, Application US/09140378A  
Patent No. 6627733  
GENERAL INFORMATION:  
APPLICANT: Johnson, Jeffrey D.  
APPLICANT: Rutter, William J.  
APPLICANT: Edman, Jeffrey C.  
APPLICANT: The Regents of the University of California  
TITLE OF INVENTION: Receptor Tyrosine Kinase with a Discoidin-Type Binding  
TITLE OF INVENTION: Domain  
FILE REFERENCE: 023070-079010US  
CURRENT APPLICATION NUMBER: US/09/140,378A  
CURRENT FILING DATE: 1998-08-26  
PRIOR APPLICATION NUMBER: US 08/077,254  
PRIOR FILING DATE: 1993-06-14  
PRIOR APPLICATION NUMBER: US 08/292,299  
PRIOR FILING DATE: 1994-08-16  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 3  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
OTHER INFORMATION: oligonucleotide  
US-09-140-378A-3

Query Match 0.5%; Score 19; DB 1; Length 24;  
Best Local Similarity 69.6%; Pred. No. 2.2e+02;  
Matches 16; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1618 CACAGGACCTGCTGCTGCCGCAA 1640  
Db 24 CAYCGSGAYCTGCTGCTGCCGCAA 2

RESULT 112  
US-08-478-470-7/c  
Sequence 7, Application US/08478470  
Patent No. 5591607  
GENERAL INFORMATION:  
APPLICANT: GRYZANOV, SERGEI  
TITLE OF INVENTION: OLIGONUCLEOTIDE  
TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES:  
TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE  
TITLE OF INVENTION: RESISTANCE PROPERTIES  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward Castro  
ADDRESSEE: Huddleson & Tatum

**vivlmore401-10.rni**

Thu Oct 28 12:48:24 2004

STREET: 5 Palo Alto Square  
STREET: 3000 El Camino Real  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,470  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: John D. Mendlein  
REGISTRATION NUMBER: 38,770  
REFERENCE/DOCKET NUMBER: LYNX-005/02US  
TELEPHONE: (415) 843-5020  
TELEFAX: (415) 857-0663

INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA oligonucleotide 7, Fig. 5

FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..2\_  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 9..10  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 15..16  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844  
||||| | |||||  
DB 22 TATATATAAAATATATATATA 1

RESULT 113  
US-08-478-470-9/c  
Sequence 9, Application US/08/478470  
Patent No. 5591607

GENERAL INFORMATION:  
APPLICANT: GRIVAZNOV, SERGI  
TITLE OF INVENTION: OLIGONUCLEOTIDE  
TITLE OF INVENTION: N3'-PS' PHOSPHORAMIDATES:  
TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE  
TITLE OF INVENTION: RESISTANCE PROPERTIES  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward Castro  
ADDRESS: Huddleson & Tatum  
STREET: 5 Palo Alto Square  
STREET: 3000 El Camino Real  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,470  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: John D. Mendlein  
REGISTRATION NUMBER: 38,770  
REFERENCE/DOCKET NUMBER: LYNX-005/02US  
TELEPHONE: (415) 843-5020  
TELEFAX: (415) 857-0663

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA oligonucleotide 9, Fig. 5

FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..2\_  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 9..10  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 15..16  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844  
||||| | |||||  
DB 22 TATATATAAAATATATATATA 1

RESULT 113  
US-08-478-470-9/c  
Sequence 9, Application US/08/478470  
Patent No. 5591607

GENERAL INFORMATION:  
APPLICANT: GRIVAZNOV, SERGI  
TITLE OF INVENTION: OLIGONUCLEOTIDE  
TITLE OF INVENTION: N3'-PS' PHOSPHORAMIDATES:  
TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE  
TITLE OF INVENTION: RESISTANCE PROPERTIES  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward Castro  
ADDRESS: Huddleson & Tatum  
STREET: 5 Palo Alto Square  
STREET: 3000 El Camino Real  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,470  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: John D. Mendlein  
REGISTRATION NUMBER: 38,770  
REFERENCE/DOCKET NUMBER: LYNX-005/02US  
TELEPHONE: (415) 843-5020  
TELEFAX: (415) 857-0663

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA oligonucleotide 9, Fig. 5

FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..2\_  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 9..10  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 15..16  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844  
||||| | |||||  
DB 22 TATATATAAAATATATATATA 1

RESULT 113  
US-08-478-470-9/c  
Sequence 9, Application US/08/478470  
Patent No. 5591607

GENERAL INFORMATION:  
APPLICANT: GRIVAZNOV, SERGI  
TITLE OF INVENTION: OLIGONUCLEOTIDE  
TITLE OF INVENTION: N3'-PS' PHOSPHORAMIDATES:  
TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE  
TITLE OF INVENTION: RESISTANCE PROPERTIES  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward Castro  
ADDRESS: Huddleson & Tatum  
STREET: 5 Palo Alto Square  
STREET: 3000 El Camino Real  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,470  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: John D. Mendlein  
REGISTRATION NUMBER: 38,770  
REFERENCE/DOCKET NUMBER: LYNX-005/02US  
TELEPHONE: (415) 843-5020  
TELEFAX: (415) 857-0663

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA oligonucleotide 9, Fig. 5

FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..2\_  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 9..10  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 15..16  
OTHER INFORMATION: /note= "where the intersubunit  
OTHER INFORMATION: bond is "np"

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844  
||||| | |||||  
DB 22 TATATATAAAATATATATATA 1

RESULT 113  
US-08-478-470-9/c  
Sequence 9, Application US/08/478470  
Patent No. 5591607

GENERAL INFORMATION:  
APPLICANT: GRIVAZNOV, SERGI  
TITLE OF INVENTION: OLIGONUCLEOTIDE  
TITLE OF INVENTION: N3'-PS' PHOSPHORAMIDATES:  
TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE  
TITLE OF INVENTION: RESISTANCE PROPERTIES  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward Castro  
ADDRESS: Huddleson & Tatum  
STREET: 5 Palo Alto Square  
STREET: 3000 El Camino Real  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII #1.25

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/478,470  
FILING DATE: June 6, 1995  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: John D. Mendlein  
REGISTRATION NUMBER: 38,770  
REFERENCE/DOCKET NUMBER: LYNX-005/02US  
TELEPHONE: (415) 843-5020  
TELEFAX: (415) 857-0663

INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI

Qy 2823 TATATACATATATATATA 2844  
 ||||| | |||||  
 Db 22 TATATATATATATATATA 1

RESULT 114

US-08-214-599-7/c  
; Sequence 7, Application US/08214599  
; Patent No. 559922  
; GENERAL INFORMATION:  
; APPLICANT: Gryaznov, Sergei  
; TITLE OF INVENTION: Oligonucleotide N3'-P5',  
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
; TITLE OF INVENTION: Properties  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: P.O. Box 60850  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306-0850  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/214.5999

ATTORNEY/AGENT INFORMATION:

INDIVIDUAL ISOLATE: DNA Oligonucleotide 7. Fig. 5

Query Match	0.5%	Score 18.8;	DB 1;	Length 24;
Best Local Similarity	90.9%	Pred. No. 2.3e+02;		
Matches 20;	Conservative	0;	Mismatches 2;	Indels 0;
Gaps				0;

Qy	2823	TATATATACATATATATATA	2844
D6	22	TATATATAAAAATATATATA	1

RESULT 115

RES001 113  
US-08-214-599-9/c  
; Sequence 9, Application US/08214599  
; Patent No. 5599922  
; GENERAL INFORMATION:  
; APPLICANT: Gryaznov, Sergei  
; TITLE OF INVENTION: Oligonucleotide N3',p5',  
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
; TITLE OF INVENTION: Properties  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates

NAME/KEY: misc feature  
 LOCATION: 21..22  
 OTHER INFORMATION: /note= "where the intersubunit bond  
 OTHER INFORMATION: is "np"  
 FEATURE:  
 NAME/KEY: misc feature  
 LOCATION: 23..24  
 OTHER INFORMATION: /note= "where the intersubunit bond  
 OTHER INFORMATION: is "np"  
 US-08-214-599-9

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844  
 DB 22 TATATATAAAATATATATATA 1

RESULT 116  
 US-08-473-015-7/c  
 ; Sequence 7, Application US/08473015  
 ; Patent No. 5631135  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; TITLE OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/473,015  
 ; FILING DATE: 06-JUN-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/214,599  
 ; FILING DATE: 18-MAR-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 5525-0012  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0960  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 24 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: DNA oligonucleotide 7, Fig. 5

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844  
 DB 22 TATATATAAAATATATATATA 1

RESULT 117  
 US-08-473-015-9/c  
 ; Sequence 9, Application US/08473015  
 ; Patent No. 5631135  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; TITLE OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/473,015  
 ; FILING DATE: 06-JUN-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/214,599  
 ; FILING DATE: 18-MAR-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 5525-0012  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0960  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 9:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 24 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: DNA oligonucleotide 9, Fig. 5

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844  
 DB 22 TATATATAAAATATATATATA 1

RESULT 118  
 US-08-473-015-7/c  
 ; Sequence 7, Application US/08473015  
 ; Patent No. 5631135  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; TITLE OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/473,015  
 ; FILING DATE: 06-JUN-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/214,599  
 ; FILING DATE: 18-MAR-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 5525-0012  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0960  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 24 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: DNA oligonucleotide 7, Fig. 5

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844  
 DB 22 TATATATAAAATATATATATA 1

RESULT 117  
 US-08-473-015-9/c  
 ; Sequence 9, Application US/08473015  
 ; Patent No. 5631135  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; TITLE OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/473,015  
 ; FILING DATE: 06-JUN-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/214,599  
 ; FILING DATE: 18-MAR-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 5525-0012  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0880  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 9:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 24 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: DNA oligonucleotide 9, Fig. 5

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844  
 DB 22 TATATATAAAATATATATATA 1

RESULT 118  
 US-08-473-015-7/c  
 ; Sequence 7, Application US/08473015  
 ; Patent No. 5631135  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; TITLE OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
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 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/473,015  
 ; FILING DATE: 06-JUN-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/214,599  
 ; FILING DATE: 18-MAR-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 5525-0012  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0880  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 24 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: DNA oligonucleotide 7, Fig. 5

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844  
 DB 22 TATATATAAAATATATATATA 1

RESULT 119  
 US-08-473-015-9/c  
 ; Sequence 9, Application US/08473015  
 ; Patent No. 5631135  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; TITLE OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/473,015  
 ; FILING DATE: 06-JUN-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/214,599  
 ; FILING DATE: 18-MAR-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 5525-0012  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0880  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 9:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 24 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: DNA oligonucleotide 9, Fig. 5

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844  
 DB 22 TATATATAAAATATATATATA 1

RESULT 120  
 US-08-473-015-7/c  
 ; Sequence 7, Application US/08473015  
 ; Patent No. 5631135  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; TITLE OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/473,015  
 ; FILING DATE: 06-JUN-1995  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/214,599  
 ; FILING DATE: 18-MAR-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 5525-0012  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0880  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 24 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: DNA oligonucleotide 7, Fig. 5

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

/ NAME/KEY: misc feature  
/ LOCATION: 9..10  
/ OTHER INFORMATION: /note= "where the intersubunit bond  
/ OTHER INFORMATION: is "np"  
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/ NAME/KEY: misc feature  
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/ OTHER INFORMATION: is "np"  
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/ NAME/KEY: misc feature  
/ LOCATION: 17..18  
/ OTHER INFORMATION: /note= "where the intersubunit bond  
/ OTHER INFORMATION: is "np"  
/ FEATURE:  
/ NAME/KEY: misc feature  
/ LOCATION: 19..20  
/ OTHER INFORMATION: /note= "where the intersubunit bond  
/ OTHER INFORMATION: is "np"  
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/ NAME/KEY: misc feature  
/ LOCATION: 21..22  
/ OTHER INFORMATION: /note= "where the intersubunit bond  
/ OTHER INFORMATION: is "np"  
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/ LOCATION: 23..24  
/ OTHER INFORMATION: /note= "where the intersubunit bond  
/ OTHER INFORMATION: is "np"  
/ US-08-473-015-9

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATA 2844  
Db 22 TATATATAAAATATATATA 1

RESULT 118  
US-08-465-368-7/c  
; Sequence 7, Application US/08465368  
; Patent No. 5726297  
; GENERAL INFORMATION:  
; APPLICANT: Gryaznov, Sergei  
; APPLICANT: Schultz, Ronald G.  
; APPLICANT: Chen, Jer-kang  
; TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE  
; TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND  
; TITLE OF INVENTION: COMPOSITIONS THEREOF  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: P.O. Box 60850  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306-0850  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/465,368  
; FILING DATE: 05-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/210,505  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fabian, Gary R.  
; REGISTRATION NUMBER: 5525-0013  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 324-0880  
; TELEFAX: (415) 324-0960  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; HYPOTHETICAL: NO

/ REGISTRATION NUMBER: 33,875  
/ REFERENCE/DOCKET NUMBER: 5525-0013  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (415) 324-0880  
/ TELEFAX: (415) 324-0960  
/ INFORMATION FOR SEQ ID NO: 7:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 24 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: both  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA  
/ HYPOTHETICAL: NO  
/ ANTI-SENSE: NO  
/ ORIGINAL SOURCE:  
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5  
/ US-08-465-368-7

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATA 2844  
Db 22 TATATATAAAATATATATA 1

RESULT 119  
US-08-465-368-9/c  
; Sequence 9, Application US/08465368  
; Patent No. 5726297  
; GENERAL INFORMATION:  
; APPLICANT: Gryaznov, Sergei  
; APPLICANT: Schultz, Ronald G.  
; APPLICANT: Chen, Jer-kang  
; TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE  
; TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND  
; TITLE OF INVENTION: COMPOSITIONS THEREOF  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: P.O. Box 60850  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306-0850  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/465,368  
; FILING DATE: 05-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/210,505  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fabian, Gary R.  
; REGISTRATION NUMBER: 5525-0013  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 324-0880  
; TELEFAX: (415) 324-0960  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; HYPOTHETICAL: NO

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ANTI-SENSE: NO
ORIGINAL SOURCE: DNA Oligonucleotide 9, Fig. 5
FEATURE:
  NAME/KEY: misc_feature
  LOCATION: 1..2
  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
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  NAME/KEY: misc_feature
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  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
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  NAME/KEY: misc_feature
  LOCATION: 5..6
  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
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  NAME/KEY: misc_feature
  LOCATION: 7..8
  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
FEATURE:
  NAME/KEY: misc_feature
  LOCATION: 9..10
  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
FEATURE:
  NAME/KEY: misc_feature
  LOCATION: 15..16
  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
FEATURE:
  NAME/KEY: misc_feature
  LOCATION: 17..18
  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
FEATURE:
  NAME/KEY: misc_feature
  LOCATION: 19..20
  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
FEATURE:
  NAME/KEY: misc_feature
  LOCATION: 21..22
  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
FEATURE:
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  OTHER INFORMATION: /note= "where the intersubunit bond
  OTHER INFORMATION: is "np"
US-08-465-368-9
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Query Match      0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 2823 TATATATACATATATATATATA 2844
      |||||
Db 22 TATATATAAAATATATATATA 1
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RESULT 120
US-08-477-306-7/c
Sequence 7, Application US/08477306
Patent No. 5837835
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5',
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
```

```
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,306
FILING DATE: 06-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/214,599
FILING DATE: 18-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Fabian, Gary R.
REGISTRATION NUMBER: 33,875
REFERENCE/DOCKET NUMBER: 5525-0012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 324-0880
TELEFAX: (415) 324-0960
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
  LENGTH: 24 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: both
  TOPOLOGY: linear
  MOLECULE TYPE: DNA
  HYPOTHETICAL: NO
  ANTI-SENSE: NO
  ORIGINAL SOURCE:
  INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
US-08-477-306-7
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Query Match      0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 2823 TATATATACATATATATATATA 2844
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Db 22 TATATATAAAATATATATATA 1
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RESULT 121
US-08-477-306-9/c
Sequence 9, Application US/08477306
Patent No. 5837835
GENERAL INFORMATION:
APPLICANT: Gryaznov, Sergei
TITLE OF INVENTION: Oligonucleotide N3'-P5',
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
TITLE OF INVENTION: Properties
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: Dehlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306-0850
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,306
```



QY	DB	Score	Length	DB 1	DB 2	DB 3	DB 4	DB 5	DB 6	DB 7	DB 8	DB 9	DB 10	DB 11	DB 12	DB 13	DB 14	DB 15	DB 16	DB 17	DB 18	DB 19	DB 20	DB 21	DB 22	DB 23	DB 24	DB 25	DB 26	DB 27	DB 28	DB 29	DB 30	DB 31	DB 32	DB 33	DB 34	DB 35	DB 36	DB 37	DB 38	DB 39	DB 40	DB 41	DB 42	DB 43	DB 44	DB 45	DB 46	DB 47	DB 48	DB 49	DB 50	DB 51	DB 52	DB 53	DB 54	DB 55	DB 56	DB 57	DB 58	DB 59	DB 60	DB 61	DB 62	DB 63	DB 64	DB 65	DB 66	DB 67	DB 68	DB 69	DB 70	DB 71	DB 72	DB 73	DB 74	DB 75	DB 76	DB 77	DB 78	DB 79	DB 80	DB 81	DB 82	DB 83	DB 84	DB 85	DB 86	DB 87	DB 88	DB 89	DB 90	DB 91	DB 92	DB 93	DB 94	DB 95	DB 96	DB 97	DB 98	DB 99	DB 100	DB 101	DB 102	DB 103	DB 104	DB 105	DB 106	DB 107	DB 108	DB 109	DB 110	DB 111	DB 112	DB 113	DB 114	DB 115	DB 116	DB 117	DB 118	DB 119	DB 120	DB 121	DB 122	DB 123	DB 124	DB 125	DB 126	DB 127	DB 128	DB 129	DB 130	DB 131	DB 132	DB 133	DB 134	DB 135	DB 136	DB 137	DB 138	DB 139	DB 140	DB 141	DB 142	DB 143	DB 144	DB 145	DB 146	DB 147	DB 148	DB 149	DB 150	DB 151	DB 152	DB 153	DB 154	DB 155	DB 156	DB 157	DB 158	DB 159	DB 160	DB 161	DB 162	DB 163	DB 164	DB 165	DB 166	DB 167	DB 168	DB 169	DB 170	DB 171	DB 172	DB 173	DB 174	DB 175	DB 176	DB 177	DB 178	DB 179	DB 180	DB 181	DB 182	DB 183	DB 184	DB 185	DB 186	DB 187	DB 188	DB 189	DB 190	DB 191	DB 192	DB 193	DB 194	DB 195	DB 196	DB 197	DB 198	DB 199	DB 200	DB 201	DB 202	DB 203	DB 204	DB 205	DB 206	DB 207	DB 208	DB 209	DB 210	DB 211	DB 212	DB 213	DB 214	DB 215	DB 216	DB 217	DB 218	DB 219	DB 220	DB 221	DB 222	DB 223	DB 224	DB 225	DB 226	DB 227	DB 228	DB 229	DB 230	DB 231	DB 232	DB 233	DB 234	DB 235	DB 236	DB 237	DB 238	DB 239	DB 240	DB 241	DB 242	DB 243	DB 244	DB 245	DB 246	DB 247	DB 248	DB 249	DB 250	DB 251	DB 252	DB 253	DB 254	DB 255	DB 256	DB 257	DB 258	DB 259	DB 260	DB 261	DB 262	DB 263	DB 264	DB 265	DB 266	DB 267	DB 268	DB 269	DB 270	DB 271	DB 272	DB 273	DB 274	DB 275	DB 276	DB 277	DB 278	DB 279	DB 280	DB 281	DB 282	DB 283	DB 284	DB 285	DB 286	DB 287	DB 288	DB 289	DB 290	DB 291	DB 292	DB 293	DB 294	DB 295	DB 296	DB 297	DB 298	DB 299	DB 300	DB 301	DB 302	DB 303	DB 304	DB 305	DB 306	DB 307	DB 308	DB 309	DB 310	DB 311	DB 312	DB 313	DB 314	DB 315	DB 316	DB 317	DB 318	DB 319	DB 320	DB 321	DB 322	DB 323	DB 324	DB 325	DB 326	DB 327	DB 328	DB 329	DB 330	DB 331	DB 332	DB 333	DB 334	DB 335	DB 336	DB 337	DB 338	DB 339	DB 340	DB 341	DB 342	DB 343	DB 344	DB 345	DB 346	DB 347	DB 348	DB 349	DB 350	DB 351	DB 352	DB 353	DB 354	DB 355	DB 356	DB 357	DB 358	DB 359	DB 360	DB 361	DB 362	DB 363	DB 364	DB 365	DB 366	DB 367	DB 368	DB 369	DB 370	DB 371	DB 372	DB 373	DB 374	DB 375	DB 376	DB 377	DB 378	DB 3
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QY 2823 TATATATACATATATATATATA 2844  
 Db 22 TATATATATATATATATATATA 1

## RESULT 125

US-08-923-386A-7/c  
 ; Sequence 7, Application US/08923386A  
 ; Patent No. 6169170  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; NUMBER OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306-0850  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/923,386A  
 ; FILING DATE:  
 ; CLASSIFICATION: 514  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 5525-0012  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0960  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 24 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: both  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 6  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 1..2  
 ; OTHER INFORMATION: /note= "where the intersubunit bond  
 ; OTHER INFORMATION: is "np"  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 3..4  
 ; OTHER INFORMATION: /note= "where the intersubunit bond  
 ; OTHER INFORMATION: is "np"  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 5..6  
 ; OTHER INFORMATION: /note= "where the intersubunit bond  
 ; OTHER INFORMATION: is "np"  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 7..8  
 ; OTHER INFORMATION: /note= "where the intersubunit bond  
 ; OTHER INFORMATION: is "np"  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 9..10  
 ; OTHER INFORMATION: /note= "where the intersubunit bond  
 ; OTHER INFORMATION: is "np"  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 15..16  
 ; OTHER INFORMATION: /note= "where the intersubunit bond  
 ; OTHER INFORMATION: is "np"  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 17..18  
 ; OTHER INFORMATION: /note= "where the intersubunit bond  
 ; OTHER INFORMATION: is "np"  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 19..20  
 ; OTHER INFORMATION: /note= "where the intersubunit bond  
 ; OTHER INFORMATION: is "np"  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
 Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844  
 Db 22 TATATATATATATATATATATA 1

## RESULT 126

US-08-923-386A-9/c  
 ; Sequence 9, Application US/08923386A  
 ; Patent No. 6169170  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gryaznov, Sergei  
 ; TITLE OF INVENTION: Oligonucleotide N3'-p5'  
 ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
 ; NUMBER OF INVENTION: Properties  
 ; NUMBER OF SEQUENCES: 27  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: P.O. Box 60850

/ LOCATION: 21...22  
/ OTHER INFORMATION: /note= "where the intersubunit bond  
/ OTHER INFORMATION: is "np"  
/ FEATURE:  
/ NAME/KEY: misc feature  
/ LOCATION: 23...24  
/ OTHER INFORMATION: /note= "where the intersubunit bond  
/ OTHER INFORMATION: is "np"  
US-08-923-386A-9

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844

Db 22 TATATATATATATATATATATA 1

## RESULT 127

US-09-097-199-71/c

/ Sequence 71, Application US/09097199

/ Patent No. 6218529

/ GENERAL INFORMATION:

/ APPLICANT: An, Gang

/ APPLICANT: O'Hara, S. Mark

/ APPLICANT: Ralph, David

/ APPLICANT: Veltri, Robert

/ TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,

/ TITLE OF INVENTION: PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE

/ NUMBER OF SEQUENCES: 87

/ CORRESPONDENCE ADDRESS:

/ ADDRESSEE: Arnold, White & Durkee

/ STREET: P.O. Box 4433

/ CITY: Houston

/ STATE: Texas

/ COUNTRY: USA

/ ZIP: 77210

/ COMPUTER READABLE FORM:

/ MEDIUM TYPE: Floppy disk

/ COMPUTER: IBM PC compatible

/ OPERATING SYSTEM: PC-DOS/MS-DOS

/ SOFTWARE: Patent In Release #1.0, Version #1.30

/ CURRENT APPLICATION DATA:

/ APPLICATION NUMBER: US/09/097,199

/ FILING DATE:

/ CLASSIFICATION:

/ PRIOR APPLICATION DATA:

/ APPLICATION NUMBER: US 08/692,787

/ FILING DATE: 31-JUL-1996

/ ATTORNEY/AGENT INFORMATION:

/ NAME: Nakashima, Richard A.

/ REGISTRATION NUMBER: P-42,023

/ REFERENCE/DOCKET NUMBER: UROC:018

/ TELECOMMUNICATION INFORMATION:

/ TELEPHONE: (512) 418-3000

/ TELEFAX: (512) 474-7577

/ INFORMATION FOR SEQ ID NO: 71:

/ SEQUENCE CHARACTERISTICS:

/ LENGTH: 24 base pairs

/ TYPE: nucleic acid

/ STRANDEDNESS: single

/ TOPOLOGY: linear

US-09-097-199-71

Query Match 0.5%; Score 18.8; DB 1; Length 24;  
Best Local Similarity 90.9%; Pred. No. 2.3e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTGGTGTGTGTGTGTGTGT 2350

Db 22 GTGTGCATGTGTGTGTGTGT 1

## RESULT 128

US-09-277-078-39

/ Sequence 39, Application US/09277078

/ Patent No. 6312949

/ GENERAL INFORMATION:

/ APPLICANT: Sakurada, Kazuhiro

/ APPLICANT: Palmer, Theo

/ APPLICANT: Gage, Fred H.

/ TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE

/ TITLE OF INVENTION: EXPRESSION

/ FILE REFERENCE: 07251/031001

/ CURRENT APPLICATION NUMBER: US/09/277,078

/ CURRENT FILING DATE: 1999-03-26

/ NUMBER OF SEQ ID NOS: 60

/ SOFTWARE: FastSeq for Windows Version 4.0

/ SEQ ID NO 39

/ LENGTH: 20

/ TYPE: DNA

/ ORGANISM: Artificial Sequence

/ FEATURE:

/ OTHER INFORMATION: Oligonucleotide for PCR

/ FEATURE:

/ NAME/KEY: misc feature

/ LOCATION: (0)...(0)

/ OTHER INFORMATION: n = A, T, G, or C

/ FEATURE:

/ NAME/KEY: misc feature

/ LOCATION: (0)...(0)

/ OTHER INFORMATION: r = G or A

US-09-277-078-39

Query Match 0.5%; Score 18.6; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 1.9e+02;  
Matches 18; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1345 TCTGAGATGGAGATCATGAA 1364

Db 1 TCTGAGATGGAGATCATGAA 20

## RESULT 129

US-08-678-039A-3

/ Sequence 3, Application US/08678039A

/ Patent No. 5858662

/ GENERAL INFORMATION:

/ APPLICANT: Keating, Mark T.

/ APPLICANT: Morris, Colleen A.

/ TITLE OF INVENTION: Diagnosis of Williams Syndrome and

/ TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the

/ TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene

/ NUMBER OF SEQUENCES: 42

/ CORRESPONDENCE ADDRESS:

/ ADDRESSEE: Rochwell, Figg, Ernst & Kurz, P.C.

/ STREET: 555 Thirteenth Street, N.W., Suite 701 East

/ CITY: Washington

/ STATE: DC

/ COUNTRY: U.S.A.

/ ZIP: 20004

/ COMPUTER READABLE FORM:

/ MEDIUM TYPE: Floppy disk

/ COMPUTER: IBM PC compatible

/ OPERATING SYSTEM: PC-DOS/MS-DOS

/ SOFTWARE: Patent In Release #1.0, Version #1.30

/ CURRENT APPLICATION DATA:

/ APPLICATION NUMBER: US/08/678,039A

/ FILING DATE: 10-JUL-1996

/ CLASSIFICATION: 435

/ ATTORNEY/AGENT INFORMATION:

/ NAME: Saxe, Stephen A.

/ REGISTRATION NUMBER: 38,609

/ REFERENCE/DOCKET NUMBER: 2323-120A

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-624-1589
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer sequence"
; US-08-678-039A-3

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGCGCCGGGACGTC 1702
DB 1 GACTTTGGGCTGGCTCGAGACATGC 25

RESULT 130
US-09-827-998-1207
; Sequence 1207, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1207

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGCGGTGTGTGTG 2345
DB 1 GTGTGTGTGTGAGTGTGTATTG 25

RESULT 131
US-08-863-639A-32/c
; Sequence 32, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueh
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-32

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
DB 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 132
US-09-407-675-5/c
; Sequence 5, Application US/09407675
; Patent No. 6169176
; GENERAL INFORMATION:
; APPLICANT: Bruice, Thomas C.
; APPLICANT: Arya, Dev P.
; TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIUREA COMPOUNDS AND USES THEREOF
; FILE REFERENCE: 30448-65US02
; CURRENT APPLICATION NUMBER: US/09/407,675
; CURRENT FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 09/347,443
; PRIOR FILING DATE: 1999-07-02
; PRIOR APPLICATION NUMBER: 60/091,481
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/111,800
; PRIOR FILING DATE: 1998-12-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligo 5
; US-09-407-675-5

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTG 2337
DB 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 133
US-09-488-671-88/c
; Sequence 88, Application US/09488671A
```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-180-903-8

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2318 TGTGTGTGTGTGTGTGCGTG 2337
      |||||
Db      1 TGTGTGTGTGTGTGTGTG 20

RESULT 135
US-08-734-973-29/c
; Sequence 29, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 29 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: No
US-08-734-973-29

Query Match      0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2316 TCTGTGTGTGTGTGTGTG 2333
      |||||
Db      18 TCTGTGTGTGTGTGTGTG 1

RESULT 136
US-09-383-630-11/c
; Sequence 11, Application US/09383630A
; Patent No. 6265632
; GENERAL INFORMATION:
; APPLICANT: Avner Yayon et al.

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; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-529-190B-10

Query Match      0.5%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 3.2e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 CACCCCGACGTCAGTCCTC 2123
      ||||| ||||| ||||| |||||
Db 4 CACCCGCACTCCAGTCCTC 24

RESULT 139
US-09-449-632-17/c
; Sequence 17, Application US/09449632
; Patent No. 6541220
; GENERAL INFORMATION:
; APPLICANT: Jppner, Harald
; APPLICANT: Rubin, David A.
; TITLE OF INVENTION: PTHR and PTHR3 Receptors, Methods and Uses Thereof
; FILE REFERENCE: 0609.4740001/SRL/M-G
; CURRENT APPLICATION NUMBER: US/09/449,632
; CURRENT FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: US 60/110,467
; PRIOR FILING DATE: 1998-11-30
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-449-632-17

Query Match      0.5%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.4e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1344 GTCTGAGATGGAGATGATCAAGAT 1367
      ||||| ||||| ||||| |||||
Db 24 GTCTGAGAGAAGGTCATCAAGAT 1

RESULT 140
US-08-678-039A-4/c
; Sequence 4, Application US/08678039A
; Patent No. 5858662
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Morris, Colleen A.
; TITLE OF INVENTION: Diagnosis of Williams Syndrome and
; TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
; TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figs, Ernst & Kurz, P.C.
; STREET: 555 Thirteenth Street, N.W., Suite 701 East
; CITY: Washington
; STATE: DC
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/678,039A
; FILING DATE: 10-JUL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Stephen A.
; REGISTRATION NUMBER: 38,609
; REFERENCE/DOCKET NUMBER: 2323-120A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-624-1589
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer sequence"
US-08-678-039A-4

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1744 CCGGTGAAGTGATGGCGCCTGAG 1767
      ||||| ||||| ||||| |||||
Db 24 CCAGTCAAGTGATGGCTCCGAG 1

RESULT 141
US-09-827-998-1204
; Sequence 1204, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1204
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1204

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGT 2342
      ||||| ||||| ||||| |||||
Db 2 GAGTGTGTGTGTGTGTGTGTGTGTAT 25

RESULT 142
US-09-827-998-1205
; Sequence 1205, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
```

```
/
/ TITLE OF INVENTION: ANIMAL MODEL FOR FIBROBLAST GROWTH
/ FACTOR RECEPTOR ASSOCIATED
/ CHONDRODYSPLASIA
/
/ NUMBER OF SEQUENCES: 18
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
/ STREET: 2001 Jefferson Davis Highway, Suite 207
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: United States of America
/ ZIP: 22202
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
/ COMPUTER: Twinhead* Slimnote-890TX
/ OPERATING SYSTEM: MS DOS version 6.2,
/ SOFTWARE: Word for Windows version 2.0 converted
/ to an ASCII file
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/383,630A
/ FILING DATE: 26-Aug-1999
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: <Unknown>
/ FILING DATE: <Unknown>
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Friedman, Mark M.
/ REGISTRATION NUMBER: 33,883
/ REFERENCE/DOCKET NUMBER: 1402/2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 972-3-5625553
/ TELEFAX: 972-3-5625554
/ TELEX: <Unknown>
/
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-383-630-11
Query Match 0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1048 CTGGAGTCCACGCGTCC 1065
Db 18 CTGGAGTCCACGCGTCC 1

RESULT 137
US-08-136-118-10/c
/ Sequence 10, Application US/08136118
/ Patent No. 5580969
/ GENERAL INFORMATION:
/ APPLICANT: HOKE, Glenn D
/ APPLICANT: BRADLEY, Matthews O
/ APPLICANT: WILLIAMS, Taify J
/ APPLICANT: LEE, Che-Hung
/ TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES DIRECTED
/ AGAINST HUMAN ICAM-1
/ NUMBER OF SEQUENCES: 15
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Naval Medical Res. & Dev. Cmd.
/ STREET: 8901 Wisconsin Ave.
/ CITY: Bethesda
/ STATE: Maryland
/ COUNTRY: USA
/ ZIP: 20889-5606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/
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/
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/136,118
/ FILING DATE:
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/918,259
/ FILING DATE: 24-JUL-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Spevack, A. David
/ REGISTRATION NUMBER: 24,743
/ REFERENCE/DOCKET NUMBER: N.C. 75,776
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202) 295-6759
/ TELEFAX: (202) 295-1022
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
/
/ US-08-136-118-10
Query Match 0.5%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 21 TGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 138
US-08-529-190B-10
/ Sequence 10, Application US/08529190B
/ Patent No. 5833991
/ GENERAL INFORMATION:
/ APPLICANT: Masucci, Maria G.
/ TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
/ CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
/ NUMBER OF SEQUENCES: 76
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Banner & Witcoff, Ltd.
/ STREET: One Financial Center
/ CITY: Boston
/ STATE: MA
/ COUNTRY: USA
/ ZIP: 02111
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: Wordperfect 6.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/529,190B
/ FILING DATE: 15-SEP-1995
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: SE9501324-9
/ FILING DATE: 10-APR-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US08/522,595
/ FILING DATE: 01-SEP-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Williams, Ph.D., Kathleen A
/ REGISTRATION NUMBER: 34,380
/ REFERENCE/DOCKET NUMBER: 3255/53015
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 617-345-9100
/ TELEFAX: 617-345-9111
/
```

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; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1205
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1205

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGTGTGT 2342
Db 1 GAGTGTGTGTGTGTGTGTGTGTGTGTGTAT 24

RESULT 143
US-09-827-998-1206
; Sequence 1206, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMPF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 1206
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1206

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTGTGTGTGTGTGTGTGT 2344
Db 2 GTGTGTGTGTGTGTGTGTGTGTGTGTATT 25

RESULT 144
US-09-827-998-1208
; Sequence 1208, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMPF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine

; Patent No. 6656700
; SEQ ID NO 1208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1208

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGTGTGTGTGTGTGTGTGTG 2345
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTATTG 24

RESULT 145
US-08-222-177A-442/c
; Sequence 442, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (DC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Demitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 442:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-222-177A-442

Query Match      0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGT 2336
Db 19 TGTGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 146
US-08-915-609-3/c
; Sequence 3, Application US/08915609
```

Patent No. 6054300  
GENERAL INFORMATION:  
APPLICANT: McKendree Jr., William L.  
TITLE OF INVENTION: Single-Site Amplification (SSA) Method for Accelerated  
TITLE OF INVENTION: Development of Nucleic Acid Marker  
FILE REFERENCE: 0115.97  
CURRENT APPLICATION NUMBER: US/08/915,609  
CURRENT FILING DATE: 1997-08-21  
EARLIER APPLICATION NUMBER: 60/028,775  
EARLIER FILING DATE: 1996-08-23  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn Ver. 2.0 - beta  
SEQ ID NO 3  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
NAME/KEY: primer bind  
LOCATION: (1)..(19)  
FEATURE:  
NAME/KEY: primer bind  
LOCATION: (1)..(19)  
US-08-915-609-3

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 GTCGTGTGTGTGTGTG 2333  
DB 19 GTGTGTGTGTGTGTG 1

RESULT 147  
US-08-915-609-4  
Sequence 4, Application US/08915609  
Patent No. 6054300  
GENERAL INFORMATION:  
APPLICANT: McKendree Jr., William L.  
TITLE OF INVENTION: Single-Site Amplification (SSA) Method for Accelerated  
TITLE OF INVENTION: Development of Nucleic Acid Marker  
FILE REFERENCE: 0115.97  
CURRENT APPLICATION NUMBER: US/08/915,609  
CURRENT FILING DATE: 1997-08-21  
EARLIER APPLICATION NUMBER: 60/028,775  
EARLIER FILING DATE: 1996-08-23  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn Ver. 2.0 - beta  
SEQ ID NO 4  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: primer  
NAME/KEY: primer bind  
LOCATION: (1)..(19)  
FEATURE:  
NAME/KEY: primer bind  
LOCATION: (1)..(19)  
US-08-915-609-4

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 GTCGTGTGTGTGTGTG 2333  
DB 1 GGTGTGTGTGTGTGTG 19

RESULT 148  
US-09-696-791-3392  
Sequence 3392, Application US/09696791  
Patent No. 6770633  
GENERAL INFORMATION:  
APPLICANT: Robbins, Joan M.  
APPLICANT: Tritz, Richard  
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
TITLE OF INVENTION: SKIN AND EYE DISEASES  
FILE REFERENCE: 480124.407  
CURRENT APPLICATION NUMBER: US/09/696,791  
CURRENT FILING DATE: 2000-10-25  
NUMBER OF SEQ ID NOS: 4523  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 3392  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
OTHER INFORMATION: Cyclin B1 ribozyme binding site  
US-09-696-791-3392

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.5e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2550 TCGGCTCTGCTTTGCAC 2568  
DB 1 TCGGCTCTACCTTTGCAC 19

RESULT 149  
US-08-427-863-7  
Sequence 7, Application US/08427863  
Patent No. 5593834  
GENERAL INFORMATION:  
APPLICANT: LANE, Michael J., BENIGHT, Albert S., and  
APPLICANT: FALDASZ, Brian D.  
TITLE OF INVENTION: METHOD OF PREPARING DNA SEQUENCES WITH KNOWN  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESS: LAHIVE & COCKFIELD  
STREET: 60 State Street, suite 510  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII text  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/427,863  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,759  
FILING DATE: 17 JUNE 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul Louis Myers  
REGISTRATION NUMBER: 35,965  
REFERENCE/DOCKET NUMBER: TMI-001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-4951  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA



US-08-427-863-7

Query Match 0.5%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.8e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATCTATATATAT 3481  
|||||  
Db 2 TATATATAGTATATATAT 20

RESULT 150

US-08-427-863-7/c  
; Sequence 7, Application US/08427863  
; Patent No. 5593834  
; GENERAL INFORMATION:  
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and  
; APPLICANT: FALDASZ, Brian D.  
; TITLE OF INVENTION: METHOD OF PREPARING DNA SEQUENCES WITH KNOWN  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD  
; STREET: 60 State Street, suite 510  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: ASCII text  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/427,863  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/078,759  
; FILING DATE: 17 JUN 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul Louis Myers  
; REGISTRATION NUMBER: 35,965  
; REFERENCE/DOCKET NUMBER: TMI-001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 227-7400  
; TELEFAX: (617) 227-4951  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA

US-08-427-863-7

Query Match 0.5%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.8e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATCTATATATAT 3481  
|||||  
Db 19 TATATATAGTATATATAT 1

RESULT 151

US-08-763-417-6  
; Sequence 6, Application US/08763417  
; Patent No. 6027884  
; GENERAL INFORMATION:  
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and  
; APPLICANT: FALDASZ, Brian D.  
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF  
; NUCLEIC ACID SEQUENCES

; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD  
; STREET: 60 State Street, suite 510  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: ASCII text  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/763,417  
; FILING DATE:  
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/260,200  
; FILING DATE: 17-JUN-1994  
; APPLICATION NUMBER: US 08/224,840  
; FILING DATE: 8-APR-1994  
; CLASSIFICATION: 435

; APPLICATION DATA:  
; APPLICATION NUMBER: US 08/078,759  
; FILING DATE: 17-JUN-1993  
; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul Louis Myers  
; REGISTRATION NUMBER: 35,965  
; REFERENCE/DOCKET NUMBER: TMI-010  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 227-7400  
; TELEFAX: (617) 227-4951

; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA

US-08-763-417-6

Query Match 0.5%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 2.8e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATCTATATATAT 3481  
|||||  
Db 2 TATATATAGTATATATAT 20

RESULT 152

US-08-763-417-6/c  
; Sequence 6, Application US/08763417  
; Patent No. 6027884  
; GENERAL INFORMATION:  
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and  
; APPLICANT: FALDASZ, Brian D.  
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF  
; NUCLEIC ACID SEQUENCES  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD  
; STREET: 60 State Street, suite 510  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

```

; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/763,417
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/260,200
; FILING DATE: 17-JUN-1994
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-763-417-6

```

Query Match 0.5%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 2.8e+02; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 3463 TATATATATCTATATATAT 3481
Db 19 TATATATAGCTATATATAT 1

```

## RESULT 153

```

; US-09-488-671-120
; Sequence 120, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-488-671-120

```

Query Match 0.5%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 2.8e+02; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 2325 GTGTGTGTCGTGTGTGTG 2343
Db 1 GTGTGTGTGAGTGTGTGTG 19

```

## RESULT 154

PCT-US94-06799-6

```

; Sequence 6, Application PC/TUS9406799
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; PCT-US94-06799-6

```

Query Match 0.5%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 2.8e+02; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 3463 TATATATATCTATATATAT 3481
Db 2 TATATATAGCTATATATAT 20

```

## RESULT 155

```

; PCT-US94-06799-6/c
; Sequence 6, Application PC/TUS9406799
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:

```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TM1-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
PCT-US94-06799-6

Query Match 0.5%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATAT 3481
Db 19 TATATATAGCTATATAT 1

RESULT 156
US-09-314-246-1
; Sequence 1, Application US/09314246
; Patent No. 6180349
; GENERAL INFORMATION:
; APPLICANT: Ginzinger, David G.
; APPLICANT: Godfrey, Tony E.
; APPLICANT: Jensen, Ronald H.
; APPLICANT: Gray, Joe W.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: A Quantitative PCR Method to Enumerate DNA Copy Number
; FILE REFERENCE: 2307AA-096200US
; CURRENT APPLICATION NUMBER: US/09/314,246
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:TW-TaqMan
; OTHER INFORMATION: dual-labeled fluorogenic oligonucleotide probe
; OTHER INFORMATION: complementary to amplification products of
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: 5'-t attached to 6-carboxy fluorescein (FAM)
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: 3'-t attached to 6-carboxy tetramethyl rhodamine
; OTHER INFORMATION: (TAMRA)
US-09-314-246-1

Query Match 0.5%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGTG 2333
Db 2 GTGTGTGTGTGTGTGTGTG 20

RESULT 157
US-09-314-246-2
; Sequence 2, Application US/09314246
; Patent No. 6180349
; GENERAL INFORMATION:
; APPLICANT: Ginzinger, David G.
; APPLICANT: Godfrey, Tony E.
; APPLICANT: Jensen, Ronald H.
; APPLICANT: Gray, Joe W.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: A Quantitative PCR Method to Enumerate DNA Copy Number
; FILE REFERENCE: 2307AA-096200US
; CURRENT APPLICATION NUMBER: US/09/314,246
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:TW-TaqMan
; OTHER INFORMATION: dual-labeled fluorogenic oligonucleotide probe
; OTHER INFORMATION: complementary to amplification products of
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: 5'-t attached to 6-carboxy fluorescein (FAM)
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: 3'-t attached to 6-carboxy tetramethyl rhodamine
; OTHER INFORMATION: (TAMRA)
US-09-314-246-2

Query Match 0.5%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGTG 2333
Db 2 GTGTGTGTGTGTGTGTGTG 20

RESULT 158
US-09-725-265-4
; Sequence 4, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-4

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 ATATATTTTTCCTTTTCTTTTTCCTTTT 29

RESULT 159  
US-09-725-265-10  
; Sequence 10, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-10

Query Match 0.5%; Score 17.4; DB 1; Length 30;  
Best Local Similarity 77.8%; Pred. No. 5e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 ATATATTTTTCCTTTTCTTTTTCCTTTT 29

RESULT 160  
US-09-556-127-4  
; Sequence 4, Application US/09556127  
; Patent No. 6699661  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; FILE REFERENCE: 0163-0758-0X  
; CURRENT APPLICATION NUMBER: US/09/556,127  
; CURRENT FILING DATE: 2002-06-17  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 4  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:

; OTHER INFORMATION: SYNTHETIC DNA  
US-09-556-127-4

Query Match 0.5%; Score 17.4; DB 1; Length 30;  
Best Local Similarity 77.8%; Pred. No. 5e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 ATATATTTTTCCTTTTCTTTTTCCTTTT 29

RESULT 161  
US-09-556-127-10  
; Sequence 10, Application US/09556127  
; Patent No. 6699661  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; FILE REFERENCE: 0163-0758-0X  
; CURRENT APPLICATION NUMBER: US/09/556,127  
; CURRENT FILING DATE: 2002-06-17  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-556-127-10

Query Match 0.5%; Score 17.4; DB 1; Length 30;  
Best Local Similarity 77.8%; Pred. No. 5e+02;  
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285  
| | | | | | | | | | | | | | | | | | | | | |  
Db 3 ATATATTTTTCCTTTTCTTTTTCCTTTT 29

RESULT 162  
US-09-099-749-3  
; Sequence 3, Application US/09099749B  
; Patent No. 6306591  
; GENERAL INFORMATION:  
; APPLICANT: Utah State University  
; TITLE OF INVENTION: Screening For The Molecular Defect Causing Spider Lamb  
; TITLE OF INVENTION: Syndrome In Sheep  
; FILE REFERENCE: 3706US  
; CURRENT APPLICATION NUMBER: US/09/099,749B  
; CURRENT FILING DATE: 1998-06-18  
; EARLIER APPLICATION NUMBER: 60/050,127  
; EARLIER FILING DATE: 1997-06-18  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: Corel WordPerfect 8.0  
; SEQ ID NO 3  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Sheep  
US-09-099-749-3

Query Match 0.5%; Score 17.2; DB 1; Length 22;

Best Local Similarity 86.4%; Pred. No. 3.4e+02; Mismatches 3; Indels 0; Gaps 0;

QY 1852 TCCCCGTACCCCGGCATCCCTG 1873  
 Db 1 TCGCCGTACCTGTCATCCCG 22

RESULT 163  
 US-08-211-202-32  
 ; Sequence 32, Application US/08211202  
 ; Patent No. 5565332  
 ; GENERAL INFORMATION:  
 ; APPLICANT: HOOGENDOORN, Hendricus Renerus Jacobus Matteus  
 ; APPLICANT: BAIER, Michael  
 ; APPLICANT: JESPERSEN, Laurent Stephane Anne Therese  
 ; APPLICANT: WINTER, Gregory Paul  
 ; TITLE OF INVENTION: Production of chimeric antibodies - a  
 ; TITLE OF INVENTION: combinatorial approach  
 ; NUMBER OF SEQUENCES: 144  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: David W. Clough, Marshall O'Toole Gerstein Murray &  
 ; ADDRESSEE: Borun  
 ; STREET: 6300 Sears Tower, 233 South Wacker Drive  
 ; CITY: Chicago  
 ; STATE: Illinois  
 ; COUNTRY: USA  
 ; ZIP: 60606-6402  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/211,202  
 ; FILING DATE: 23-SEP-1992  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: GB 9120252.3  
 ; FILING DATE: 23-SEP-1991  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: GB 9120377.8  
 ; FILING DATE: 25-SEP-1991  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: GB 9206318.9  
 ; FILING DATE: 24-MAR-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: GB 9206372.6  
 ; FILING DATE: 24-MAR-1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/GB92/00883  
 ; FILING DATE: 15-MAY-1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: David W. Clough  
 ; REGISTRATION NUMBER: 36,107  
 ; REFERENCE/DOCKET NUMBER: 28111/31960  
 ; TELEPHONE: 312-474-6300  
 ; TELEFAX: 312-474-0448  
 ; TELEX: -25-3856  
 ; INFORMATION FOR SEQ ID NO: 32:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 23 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; US-08-211-202-32

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
 Best Local Similarity 86.4%; Pred. No. 3.6e+02;  
 Mismatches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGCTGGAGGCTG 874  
 Db 1 GAGGTGACGCTGCTGGAGTCTG 22

RESULT 164  
 US-08-222-616-2/c  
 ; Sequence 2, Application US/08222616  
 ; Patent No. 5635177  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bennett, Brian D.  
 ; APPLICANT: Goeddel, David  
 ; APPLICANT: Lee, James M.  
 ; APPLICANT: Matthews, William  
 ; APPLICANT: Tsai, Siao Ping  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST  
 ; TITLE OF INVENTION: ANTIBODIES  
 ; NUMBER OF SEQUENCES: 42  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Genentech, Inc.  
 ; STREET: 460 Point San Bruno Blvd  
 ; CITY: South San Francisco  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 94080  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patin (Genentech)  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/222,616  
 ; FILING DATE: 4-APR-1994  
 ; CLASSIFICATION: 530  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/US93/00586  
 ; FILING DATE: 22-JAN-1993  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 07/826935  
 ; FILING DATE: 22-JAN-1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Lee, Wendy M.  
 ; REGISTRATION NUMBER:  
 ; REFERENCE/DOCKET NUMBER: 821P2  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 415/225-1994  
 ; TELEFAX: 415/952-9881  
 ; TELEX: 910/371-7168  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 23 bases  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-222-616-2

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
 Best Local Similarity 86.4%; Pred. No. 3.6e+02;  
 Mismatches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1801 GACGTCGTCTCTTGGGGTCC 1822  
 Db 23 GACGTCGTCTCTTGGGATTC 2

RESULT 165  
 US-08-307-619-12  
 ; Sequence 12, Application US/08307619  
 ; Patent No. 5733743  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Johnson, Kevin S  
 ; APPLICANT: Winter, Gregory P

/ APPLICANT: Griffiths, Andrew D  
 / APPLICANT: Smith, Andrew JH  
 / APPLICANT: Waterhouse, P  
 / TITLE OF INVENTION: Methods for producing members of specific  
 / binding pairs  
 / NUMBER OF SEQUENCES: 67  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
 / STREET: 6300 Sears Tower, 233 South Wacker Drive  
 / CITY: Chicago  
 / STATE: Illinois  
 / COUNTRY: USA  
 / COMPUTER READABLE FORM:  
 / MEDIUM TYPE: Floppy disk  
 / COMPUTER: IBM PC compatible  
 / OPERATING SYSTEM: PC-DOS/MS-DOS  
 / SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
 / CURRENT APPLICATION NUMBER: US/08/307,619  
 / FILING DATE: 16-SEP-1994  
 / CLASSIFICATION: 435  
 / PRIOR APPLICATION DATA:  
 / CLASSIFICATION: G01N 33/531, G01N 33/68  
 / PRIOR APPLICATION NUMBER: PCT/GB93/00605  
 / FILING DATE: 24-MAR-1993  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: GB 9206318.9  
 / FILING DATE: 24-MAR-1992  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: PCT/GB92/00883  
 / FILING DATE: 15-MAY-1992  
 / ATTORNEY/AGENT INFORMATION:  
 / NAME: David W. Clough  
 / REGISTRATION NUMBER: 36,107  
 / REFERENCE/DOCKET NUMBER: 28111/32238  
 / TELEPHONE: 312-474-6300  
 / INFORMATION FOR SEQ ID NO: 12:  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 23 base pairs  
 / TYPE: nucleic acid  
 / STRANDEDNESS: single  
 / TOPOLOGY: linear  
 / US-08-307-619-12

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
 Best Local Similarity 86.4%; Pred. No. 3.6e+02;  
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGGAGGCTG 874  
 |||||  
 Db 1 GAGGTGCAGCTGTGGAGTCTG 22

RESULT 166  
 US-08-350-260A-58  
 / Sequence 58, Application US/08350260A  
 / Patent No. 5962255  
 / GENERAL INFORMATION:  
 / APPLICANT: Winter, Gregory Paul  
 / APPLICANT: Griffiths, Andrew David  
 / APPLICANT: Williams, Samuel Cameron  
 / APPLICANT: Waterhouse, Peter  
 / APPLICANT: Nissim, Ahuva  
 / APPLICANT: Johnson, Kevin Stuart  
 / APPLICANT: Smith, Andrew John Hammond  
 / TITLE OF INVENTION: Methods for producing members of specific  
 / binding pairs  
 / NUMBER OF SEQUENCES: 602  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: David W. Clough  
 / STREET: Marshall, O'Toole, Gerstein, Murray & Borun  
 / STREET: 6300 Sears Tower, 233 South Wacker Drive

/ CITY: Chicago  
 / STATE: Illinois  
 / COUNTRY: USA  
 / ZIP: 60606-6402  
 / COMPUTER READABLE FORM:  
 / MEDIUM TYPE: Floppy disk  
 / COMPUTER: IBM PC compatible  
 / OPERATING SYSTEM: PC-DOS/MS-DOS  
 / SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
 / CURRENT APPLICATION NUMBER: US/08/350,260A  
 / FILING DATE: 05-DEC-1994  
 / CLASSIFICATION: 435  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: GB 9110549.4  
 / FILING DATE: 15-MAY-1991  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: GB 9206318.9  
 / FILING DATE: 24-MAR-1992  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: PCT/GB91/01134  
 / FILING DATE: 10-JUL-1991  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: PCT/GB92/00883  
 / FILING DATE: 15-MAY-1992  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: PCT/GB93/00605  
 / FILING DATE: 24-MAR-1993  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: US 08/150,002  
 / FILING DATE: 31-MAR-1994  
 / PRIOR APPLICATION DATA:  
 / APPLICATION NUMBER: US 08/307,619  
 / FILING DATE: 16-SEP-1994  
 / ATTORNEY/AGENT INFORMATION:  
 / NAME: Clough, David W  
 / REGISTRATION NUMBER: 36,107  
 / REFERENCE/DOCKET NUMBER: 28111/32372  
 / TELECOMMUNICATION INFORMATION:  
 / TELEPHONE: 312-474-6300  
 / INFORMATION FOR SEQ ID NO: 58:  
 / SEQUENCE CHARACTERISTICS:  
 / LENGTH: 23 base pairs  
 / TYPE: nucleic acid  
 / STRANDEDNESS: single  
 / TOPOLOGY: linear  
 / US-08-360-260A-58

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
 Best Local Similarity 86.4%; Pred. No. 3.6e+02;  
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGGAGGCTG 874  
 |||||  
 Db 1 GAGGTGCAGCTGTGGAGTCTG 22

RESULT 167  
 US-09-050-783-12  
 / Sequence 12, Application US/09050783  
 / Patent No. 6140471  
 / GENERAL INFORMATION:  
 / APPLICANT: Johnson, Kevin S  
 / APPLICANT: Winter, Gregory P  
 / APPLICANT: Griffiths, Andrew D  
 / APPLICANT: Smith, Andrew JH  
 / APPLICANT: Waterhouse, P  
 / TITLE OF INVENTION: Methods for producing members of specific  
 / binding pairs  
 / NUMBER OF SEQUENCES: 67  
 / CORRESPONDENCE ADDRESS:  
 / ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
 / STREET: 6300 Sears Tower, 233 South Wacker Drive

;/ CITY: Chicago  
;/ STATE: Illinois  
;/ COUNTRY: USA  
;/ ZIP: 60606-6402  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Floppy disk  
;/ COMPUTER: IBM PC compatible  
;/ OPERATING SYSTEM: PC-DOS/MS-DOS  
;/ SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/09/050,783  
;/ FILING DATE:  
;/ CLASSIFICATION:  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US 08/307,619  
;/ FILING DATE: 16-SEP-1994  
;/ APPLICATION NUMBER: PCT/GB93/00605  
;/ FILING DATE: 24-MAR-1993  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: GB 9206318.9  
;/ FILING DATE: 24-MAR-1992  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: PCT/GB92/00883  
;/ FILING DATE: 15-MAY-1992  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: David W. Clough  
;/ REGISTRATION NUMBER: 36,107  
;/ REFERENCE/DOCKET NUMBER: 28111/32238  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 312-474-6300  
;/ INFORMATION FOR SEQ ID NO: 12:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 23 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-09-050-783-12

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGTGACCTGGTGGAGGCTG 874  
Db 1 GAGGTGACCTGGTGGAGGCTG 22

RESULT 168  
US-08-446-648-2/c  
; Sequence 2, Application US/08446648  
; Patent No. 6331302  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Bennett, Brian D.  
; APPLICANT: Goeddel, David  
; APPLICANT: Lee, James M.  
; APPLICANT: Matthews, William  
; APPLICANT: Tsai, Siao Ping  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genentech, Inc.  
; STREET: 460 Point San Bruno Blvd  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WinPatIn (Genentech)

;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/446,648  
;/ FILING DATE:  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 08/222616  
;/ FILING DATE: 04-APR-1994  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Lee, Wendy M.  
;/ REGISTRATION NUMBER: 40,378  
;/ REFERENCE/DOCKET NUMBER: P0821P3PCT  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 415/225-1994  
;/ TELEFAX: 415/952-9881  
;/ TELEX: 910/371-7168  
;/ INFORMATION FOR SEQ ID NO: 2:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 23 base pairs  
;/ TYPE: Nucleic Acid  
;/ STRANDEDNESS: Single  
;/ TOPOLOGY: Linear  
;/ US-08-446-648-2

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1801 GACGTCGTCTCTTTGGGCTCC 1822  
Db 23 GACGTCGTCTCTTTGGGCTCC 2

RESULT 169  
US-09-104-337A-58  
; Sequence 58, Application US/09104337A  
; Patent No. 6492160  
; GENERAL INFORMATION:  
; APPLICANT: Winter, Gregory Paul  
; Griffiths, Andrew David  
; Williams, Samuel Cameron  
; Waterhouse, Peter  
; Nissim, Ahuva  
; Johnson, Kevin Stuart  
; Smith, Andrew John Hammond  
; TITLE OF INVENTION: Methods for producing members of specific  
; binding pairs  
; NUMBER OF SEQUENCES: 600  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Audrey L. Bartnicki  
; STREET: Marshall, Gerstein & Borun  
; 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606-6402  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/104,337A  
; FILING DATE: 25-Jun-1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/350,260  
; FILING DATE: 05-DEC-1994  
; APPLICATION NUMBER: GB 9110549.4  
; FILING DATE: 15-MAY-1991  
; APPLICATION NUMBER: GB 9206318.9  
; FILING DATE: 24-MAR-1992  
; APPLICATION NUMBER: PCT/GB92/00883  
; FILING DATE: 15-MAY-1992  
; APPLICATION NUMBER: PCT/GB93/00605

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/ FILING DATE: 24-MAR-1993
/ APPLICATION NUMBER: US 08/150,002
/ FILING DATE: 31-MAR-1994
/ APPLICATION NUMBER: US 08/307,619
/ FILING DATE: 16-SEP-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bartnicki, Audrey L.
/ REGISTRATION NUMBER: 40,499
/ REFERENCE/DOCKET NUMBER: 28111/32372A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-474-6300
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-104-337A-58

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
DB      1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 170
US-10-067-443-35
/ Sequence 35, Application US/10067443
/ Patent No. 6642041
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED IN
/ TITLE OF INVENTION: SPINAL CORD, MP-1
/ FILE REFERENCE: D0073 NP
/ CURRENT APPLICATION NUMBER: US/10/067,443
/ CURRENT FILING DATE: 2002-02-05
/ PRIOR APPLICATION NUMBER: US 60/266,518
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: US 60/282,814
/ PRIOR FILING DATE: 2001-04-10
/ NUMBER OF SEQ ID NOS: 71
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 35
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-067-443-35

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
DB      1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 171
US-10-153-064-35
/ Sequence 35, Application US/10153064
/ Patent No. 6663485
/ GENERAL INFORMATION:
/ APPLICANT: Bell et al.
/ TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins
/ FILE REFERENCE: PF556
/ CURRENT APPLICATION NUMBER: US/10/153,064
/ CURRENT FILING DATE: 2002-05-24
/ PRIOR APPLICATION NUMBER: 60/293,212
/ PRIOR FILING DATE: 2001-05-25

```

```

/ NUMBER OF SEQ ID NOS: 137
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 35
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Degenerate VH forward primer useful for
/ OTHER INFORMATION: amplifying human VH domains
US-10-153-084-35

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
DB      1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 172
US-09-982-610-2/c
/ Sequence 2, Application US/09982610
/ Patent No. 6673343
/ GENERAL INFORMATION:
/ APPLICANT: Genentech, Inc.
/ Bennett, Brian D.
/ Goeddel, David
/ Lee, James M.
/ Matthews, William
/ Tsai, Siao Ping
/ Wood, William I.
/ TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
/ NUMBER OF SEQUENCES: 45
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Genentech, Inc.
/ STREET: 460 Point San Bruno Blvd
/ CITY: South San Francisco
/ STATE: California
/ COUNTRY: USA
/ ZIP: 94080
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Winpatin (Genentech)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/982,610
/ FILING DATE: 17-Oct-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/446,648
/ FILING DATE: 1996-MAY-23
/ APPLICATION NUMBER: 08/222616
/ FILING DATE: 04-APR-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lee, Wendy M.
/ REGISTRATION NUMBER: 40,378
/ REFERENCE/DOCKET NUMBER: P0821P3PCT
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415/225-1994
/ TELEFAX: 415/952-9881
/ TELEX: 910/371-7168
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-982-610-2

Query Match          0.5%; Score 17.2; DB 1; Length 23;

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Best Local Similarity 86.4%; Pred. No. 3.6e+02; Indels 0; Gaps 0;  
Matches 19; Conservative 0; Mismatches 3;

QY 1801 GACGTCGTGCTCTTTGGGTCC 1822

Db 23 GACGTCGTGCTCTTGAATTC 2

## RESULT 173

PCT-US95-04228-2/c  
; Sequence 2, Application PC/TUS9504228  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Bennett, Brian D.  
; APPLICANT: Goeddel, David  
; APPLICANT: Lee, James M.  
; APPLICANT: Matthews, William  
; APPLICANT: Tsai, Siao Ping  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genentech, Inc.  
; STREET: 460 Point San Bruno Blvd  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: patin (Genentech)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/04228  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/222616  
; FILING DATE: 04-APR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wendy M. Lee  
; REGISTRATION NUMBER: 00,000  
; REFERENCE/DOCKET NUMBER: 821P3PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415/225-1994  
; TELEFAX: 415/952-9881  
; TELEX: 910/371-7168  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

PCT-US95-04228-2

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.6e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1801 GACGTCGTGCTCTTTGGGTCC 1822

Db 23 GACGTCGTGCTCTTGAATTC 2

## RESULT 174

US-08-478-470-7  
; Sequence 7, Application US/08478470  
; Patent No. 5591607  
; GENERAL INFORMATION:  
; APPLICANT: GRAYZNOV, SERGEI  
; TITLE OF INVENTION: OLIGONUCLEOTIDE  
; TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES;

; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE  
; TITLE OF INVENTION: RESISTANCE PROPERTIES  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward Castro  
; ADDRESSEE: Huddleson & Tatum  
; STREET: 5 Palo Alto Square  
; STREET: 3000 El Camino Real  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: ASCII #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/478,470  
; FILING DATE: June 6, 1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: John D. Mendlein  
; REGISTRATION NUMBER: 38,770  
; REFERENCE/DOCKET NUMBER: LYNX-005/02US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 843-5020  
; TELEFAX: (415) 857-0663  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5  
; US-08-478-470-7

Query Match 0.5%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844

Db 3 TATATATATTTTATATATATA 24

## RESULT 175

US-08-478-470-9  
; Sequence 9, Application US/08478470  
; Patent No. 5591607  
; GENERAL INFORMATION:  
; APPLICANT: GRAYZNOV, SERGEI  
; TITLE OF INVENTION: OLIGONUCLEOTIDE  
; TITLE OF INVENTION: N3'-P5' PHOSPHORAMIDATES;  
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE  
; TITLE OF INVENTION: RESISTANCE PROPERTIES  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward Castro  
; ADDRESSEE: Huddleson & Tatum  
; STREET: 5 Palo Alto Square  
; STREET: 3000 El Camino Real  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 17..18
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 19..20
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 21..22
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit
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; OTHER INFORMATION: bond is "np"
; US-08-478-470-9
;
; Query Match 0.5%; Score 17.2; DB 1; Length 24;
; Best Local Similarity 86.4%; Pred. No. 3.9e+02;
; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 2823 TATATATACATATATATATATA 2844
; ||||| ||||| ||||| |||||
; DB 3 TATATATATTTTATATATATA 24
;
; RESULT 176
; US-08-214-599-7
; Sequence 7, Application US/08214599
; Patent No. 5599922
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
; US-08-214-599-7
;
; Query Match 0.5%; Score 17.2; DB 1; Length 24;
; Best Local Similarity 86.4%; Pred. No. 3.9e+02;
; Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 2823 TATATATACATATATATATATA 2844
; ||||| ||||| ||||| |||||
; DB 3 TATATATATTTTATATATATA 24
;
; RESULT 177
; US-08-214-599-9
; Sequence 9, Application US/08214599
; Patent No. 5599922
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
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1 TITLE OF INVENTION: Oligonucleotide N3'-P5'
2 TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
3 TITLE OF INVENTION: Properties
4 NUMBER OF SEQUENCES: 27
5 CORRESPONDENCE ADDRESS:
6 ADDRESSEE: Dehlinger & Associates
7 STREET: P.O. Box 60850
8 CITY: Palo Alto
9 STATE: CA
10 COUNTRY: USA
11 ZIP: 94306-0850
12 COMPUTER READABLE FORM:
13 MEDIUM TYPE: Floppy disk
14 COMPUTER: IBM PC compatible
15 OPERATING SYSTEM: PC-DOS/MS-DOS
16 SOFTWARE: PatentIn Release #1.0, Version #1.25
17 CURRENT APPLICATION DATA:
18 APPLICATION NUMBER: US/08/214,599
19 FILING DATE:
20 CLASSIFICATION: 514
21 ATTORNEY/AGENT INFORMATION:
22 NAME: Fabian, Gary R.
23 REGISTRATION NUMBER: 33,875
24 REFERENCE/DOCKET NUMBER: 5525-0012
25 TELECOMMUNICATION INFORMATION:
26 TELEPHONE: (415) 324-0880
27 TELEFAX: (415) 324-0960
28 INFORMATION FOR SEQ ID NO: 9:
29 SEQUENCE CHARACTERISTICS:
30 LENGTH: 24 base pairs
31 TYPE: nucleic acid
32 STRANDEDNESS: both
33 TOPOLOGY: linear
34 MOLECULE TYPE: DNA
35 HYPOTHETICAL: NO
36 ANTI-SENSE: NO
37 ORIGINAL SOURCE:
38 INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
39 FEATURE:
40 NAME/KEY: misc_feature
41 LOCATION: 1..2
42 OTHER INFORMATION: /note= "where the intersubunit bond
43 OTHER INFORMATION: is "np"
44 FEATURE:
45 NAME/KEY: misc_feature
46 LOCATION: 3..4
47 OTHER INFORMATION: /note= "where the intersubunit bond
48 OTHER INFORMATION: is "np"
49 FEATURE:
50 NAME/KEY: misc_feature
51 LOCATION: 5..6
52 OTHER INFORMATION: /note= "where the intersubunit bond
53 OTHER INFORMATION: is "np"
54 FEATURE:
55 NAME/KEY: misc_feature
56 LOCATION: 7..8
57 OTHER INFORMATION: /note= "where the intersubunit bond
58 OTHER INFORMATION: is "np"
59 FEATURE:
60 NAME/KEY: misc_feature
61 LOCATION: 9..10
62 OTHER INFORMATION: /note= "where the intersubunit bond
63 OTHER INFORMATION: is "np"
64 FEATURE:
65 NAME/KEY: misc_feature
66 LOCATION: 15..16
67 OTHER INFORMATION: /note= "where the intersubunit bond
68 OTHER INFORMATION: is "np"
69 FEATURE:
70 NAME/KEY: misc_feature
71 LOCATION: 17..18
72 OTHER INFORMATION: /note= "where the intersubunit bond
73 OTHER INFORMATION: is "np"

```

```

;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 19..20
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 21..22
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; NAME/KEY: misc feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
US-08-214-599-9
Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred.No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATACATACATATATATA 2844
||||| | |||||
Db 3 TATATATTTTATATATA 24

RESULT 178
US-08-473-015-7
; Sequence 7, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/473,015
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5

```

US-08-473-015-7

Query Match 0.5%; Score 17.2; DB 1; Length 24;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels

Qy	2823	TATATACATATATATATA	2844
		{               }	
D <sub>b</sub>	3	TATATATATTTTATATATA	24

RESULT 179

```

US-08-473-015-9
;
; Sequence 9, Application US/08473015
; Patent No. 5631135
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
;

```

```

FEATURE:
NAME/KEY:   misc feature
LOCATION:    7..8_
OTHER INFORMATION: /note= "where the intersubunit bond
OTHER INFORMATION: is "np"
FEATURE:

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2823 TATATACATATATATATA 2844

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RESULT 180
US-08-465-368-7
; Sequence 7, Application US/08465368
; Patent No. 5726297
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Schultz, Ronald G.
; APPLICANT: Chen, Jer-kang
; TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
; TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND
; TITLE OF INVENTION: COMPOSITIONS THEREOF
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/465,368
; APPLICATION NUMBER: US/08-1995
; FILING DATE: 05-JUN-1995

```

```
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/210,505
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0013
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 5
/ US-08-465-368-7

Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844
Db 3 TATATATATTTTATATATATA 24

RESULT 181
US-08-465-368-9
/ Sequence 9, Application US/08465368
/ Patent No. 5726297
/ GENERAL INFORMATION:
/ APPLICANT: Gryaznov, Sergei
/ APPLICANT: Schultz, Ronald G.
/ APPLICANT: Chen, Jer-kang
/ TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE
/ TITLE OF INVENTION: N3'P5' PHOSPHORAMIDATES: USES AND
/ NUMBER OF SEQUENCES: 27
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Dehlinger & Associates
/ STREET: P.O. Box 60850
/ CITY: Palo Alto
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 94306-0850
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/465,368
/ FILING DATE: 05-JUN-1995
/ CLASSIFICATION: 536
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/210,505
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fabian, Gary R.
/ REGISTRATION NUMBER: 33,875
/ REFERENCE/DOCKET NUMBER: 5525-0013
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 324-0880
/ TELEFAX: (415) 324-0960
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..2
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 3..4
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 5..6
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 7..8
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 9..10
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 15..16
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 17..18
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 19..20
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 21..22
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 23..24
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/ US-08-465-368-9

Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844
Db 3 TATATATATTTTATATATATA 24

RESULT 182
US-08-477-306-7
/ Sequence 7, Application US/08477306
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[illegible]

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; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 23..24
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-477-306-9
Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2823 TATATATACATATATATATA 2844
Db 3 TATATATATTTTATATATATA 24
RESULT 184
US-08-700-448-7
; Sequence 7, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gvaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,448
; FILING DATE: 01/10/97
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0012.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0960
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 5
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 9..10
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 15..16
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-700-448-7
Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2823 TATATATACATATATATATA 2844
Db 3 TATATATATTTTATATATATA 24
RESULT 185
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/
/ NAME/KEY: misc_feature
/ LOCATION: 17.18
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 19.20
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 21.22
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 23.24
/ OTHER INFORMATION: /note= "where the intersubunit bond
/ OTHER INFORMATION: is "np"
/
/ US-08-700-448-9
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```
Query Match 0.5%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2823 TATATATACATATATATATATA 2844
||||| | | | | | | | | |
Db 3 TATATATATTTTATATATATA 24
```

```
RESULT 186
US-08-923-386A-7
; Sequence 7, Application US/089233386A
; Patent No. 6169170
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/923,386A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
```

```
/
/ ORIGINAL SOURCE:
/ INDIVIDUAL ISOLATE: DNA Oligonucleotide 7, Fig. 6
/ US-08-923-386A-7
/
/ Query Match 0.5%; Score 17.2; DB 1; Length 24;
/ Best Local Similarity 86.4%; Pred. No. 3.9e+02;
/ Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 2823 TATATATACATATATATATATA 2844
/ ||||| | | | | | | | | | |
/ Db 3 TATATATATTTTATATATATA 24
/
/ RESULT 187
/ US-08-923-386A-9
/ ; Sequence 9, Application US/089233386A
/ ; Patent No. 6169170
/ ; GENERAL INFORMATION:
/ ; APPLICANT: Gryaznov, Sergei
/ ; TITLE OF INVENTION: Oligonucleotide N3'-P5',
/ ; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
/ ; TITLE OF INVENTION: Properties
/ ; NUMBER OF SEQUENCES: 27
/ ; CORRESPONDENCE ADDRESS:
/ ; ADDRESSEE: Dehlinger & Associates
/ ; STREET: P.O. Box 60850
/ ; CITY: Palo Alto
/ ; STATE: CA
/ ; COUNTRY: USA
/ ; ZIP: 94306-0850
/ ; COMPUTER READABLE FORM:
/ ; MEDIUM TYPE: Floppy disk
/ ; COMPUTER: IBM PC compatible
/ ; OPERATING SYSTEM: PC-DOS/MS-DOS
/ ; SOFTWARE: PatentIn Release #1.0, Version #1.25
/ ; CURRENT APPLICATION DATA:
/ ; APPLICATION NUMBER: US/08/923,386A
/ ; FILING DATE:
/ ; CLASSIFICATION: 514
/ ; ATTORNEY/AGENT INFORMATION:
/ ; NAME: Fabian, Gary R.
/ ; REGISTRATION NUMBER: 33,875
/ ; REFERENCE/DOCKET NUMBER: 5525-0012
/ ; TELECOMMUNICATION INFORMATION:
/ ; TELEPHONE: (415) 324-0880
/ ; TELEFAX: (415) 324-0960
/ ; INFORMATION FOR SEQ ID NO: 9:
/ ; SEQUENCE CHARACTERISTICS:
/ ; LENGTH: 24 base pairs
/ ; TYPE: nucleic acid
/ ; STRANDEDNESS: both
/ ; TOPOLOGY: linear
/ ; MOLECULE TYPE: DNA
/ ; HYPOTHETICAL: NO
/ ; ANTI-SENSE: NO
/ ; INDIVIDUAL ISOLATE: DNA Oligonucleotide 9, Fig. 6
/ ; FEATURE:
/ ; NAME/KEY: misc_feature
/ ; LOCATION: 1.2
/ ; OTHER INFORMATION: /note= "where the intersubunit bond
/ ; OTHER INFORMATION: is "np"
/ ; FEATURE:
/ ; NAME/KEY: misc_feature
/ ; LOCATION: 3.4
/ ; OTHER INFORMATION: /note= "where the intersubunit bond
/ ; OTHER INFORMATION: is "np"
/ ; FEATURE:
/ ; NAME/KEY: misc_feature
/ ; LOCATION: 5.6
/ ; OTHER INFORMATION: /note= "where the intersubunit bond
/ ; OTHER INFORMATION: is "np"
/ ; FEATURE:
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;; CURRENT FILING DATE: 2001-10-03  
;; PRIOR APPLICATION NUMBER: EP 00200757.3  
;; PRIOR FILING DATE: 2000-03-03  
;; PRIOR APPLICATION NUMBER: PCT/NL01/00177  
;; PRIOR FILING DATE: 2001-03-05  
;; NUMBER OF SEQ ID NOS: 27  
;; SOFTWARE: PatentIn Ver. 2.1  
;; SEQ ID NO 20  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-958-221A-20

Query Match 0.4%; Score 17; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGC 2334  
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DB 17 TGTGTGTGTGTGTGC 1

RESULT 191  
US-08-734-973-2/c  
; Sequence 2, Application US/08734973  
; Patent No. 5912147  
; GENERAL INFORMATION:  
; APPLICANT: Stoler, Daniel L.  
; APPLICANT: Basik, Mark  
; APPLICANT: Anderson, Garth R.  
; TITLE OF INVENTION: A Rapid Means For Quantitating  
; TITLE OF INVENTION: Genomic Instability  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear  
; STREET: 1800 One M&T Plaza  
; CITY: Buffalo  
; STATE: New York  
; COUNTRY: United States  
; ZIP: 14203-2391  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows  
; SOFTWARE: Wordperfect for Windows  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/734,973  
; FILING DATE: October 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Nelson, M. Bud  
; REGISTRATION NUMBER: 35,300  
; REFERENCE/DOCKET NUMBER: 03551.0021  
; TELEPHONE: (716) 856-4000  
; TELEFAX: (716) 849-0349  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single-stranded  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; HYPOTHETICAL: NO  
US-08-734-973-2

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTG 2333  
|||||

DB 17 CTGTGTGTGTGTGTG 1

RESULT 192  
US-08-734-973-6/c  
; Sequence 6, Application US/08734973  
; Patent No. 5912147  
; GENERAL INFORMATION:  
; APPLICANT: Stoler, Daniel L.  
; APPLICANT: Basik, Mark  
; APPLICANT: Anderson, Garth R.  
; TITLE OF INVENTION: A Rapid Means For Quantitating  
; TITLE OF INVENTION: Genomic Instability  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear  
; STREET: 1800 One M&T Plaza  
; CITY: Buffalo  
; STATE: New York  
; COUNTRY: United States  
; ZIP: 14203-2391  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.5 inch  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows  
; SOFTWARE: Wordperfect for Windows  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/734,973  
; FILING DATE: October 1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Nelson, M. Bud  
; REGISTRATION NUMBER: 35,300  
; REFERENCE/DOCKET NUMBER: 03551.0021  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (716) 856-4000  
; TELEFAX: (716) 849-0349  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single-stranded  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; HYPOTHETICAL: NO  
US-08-734-973-6

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTG 2333  
|||||  
DB 17 CTGTGTGTGTGTGTG 1

RESULT 193  
US-08-734-973-7/c  
; Sequence 7, Application US/08734973  
; Patent No. 5912147  
; GENERAL INFORMATION:  
; APPLICANT: Stoler, Daniel L.  
; APPLICANT: Basik, Mark  
; APPLICANT: Anderson, Garth R.  
; TITLE OF INVENTION: A Rapid Means For Quantitating  
; TITLE OF INVENTION: Genomic Instability  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear  
; STREET: 1800 One M&T Plaza  
; CITY: Buffalo  
; STATE: New York  
; COUNTRY: United States  
; ZIP: 14203-2391

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 7 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-734-973-7

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGTG 2333
DB 17 CTGTGTGTGTGTGTGTG 1

RESULT 194
US-08-734-973-8/c
; Sequence 8, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 8 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
US-08-734-973-8

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGTG 2333
DB 17 CTGTGTGTGTGTGTGTG 1

RESULT 194
US-08-734-973-8/c
; Sequence 8, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 8 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
US-08-734-973-8

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGTG 2333
DB 17 CTGTGTGTGTGTGTGTG 1

RESULT 195
US-08-734-973-30/c
; Sequence 30, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 30 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-734-973-30

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
DB 17 GTGTGTGTGTGTGTGTG 1

RESULT 196
US-08-734-973-31/c
; Sequence 31, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
```

;/ TITLE OF INVENTION: A Rapid Means For Quantitating  
;/ TITLE OF INVENTION: Genomic Instability  
;/ NUMBER OF SEQUENCES: 38  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear  
;/ STREET: 1800 One M&T Plaza  
;/ CITY: Buffalo  
;/ STATE: New York  
;/ COUNTRY: United States  
;/ ZIP: 14203-2391  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Diskette, 3.5 inch  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: MS-DOS/ Microsoft Windows  
;/ SOFTWARE: Wordperfect for Windows  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/734,973  
;/ FILING DATE: October 1996  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Nelson, M. Bud  
;/ REGISTRATION NUMBER: 35,300  
;/ REFERENCE/DOCKET NUMBER: 03551.0021  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (716) 856-4000  
;/ TELEFAX: (716) 849-0349  
;/ INFORMATION FOR SEQ ID NO: 31 :  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 18 nucleotides  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single-stranded  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: DNA  
;/ HYPOTHETICAL: NO  
;/ US-08-734-973-31

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351  
Db 17 GTGTGTGTGTGTGTGTG 1

RESULT 197  
US-08-734-973-32/c  
;/ Sequence 32, Application US/08734973  
;/ Patent No. 5912147  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Stoler, Daniel L.  
;/ APPLICANT: Basik, Mark  
;/ APPLICANT: Anderson, Garth R.  
;/ TITLE OF INVENTION: A Rapid Means For Quantitating  
;/ TITLE OF INVENTION: Genomic Instability  
;/ NUMBER OF SEQUENCES: 38  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear  
;/ STREET: 1800 One M&T Plaza  
;/ CITY: Buffalo  
;/ STATE: New York  
;/ COUNTRY: United States  
;/ ZIP: 14203-2391  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Diskette, 3.5 inch  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: MS-DOS/ Microsoft Windows  
;/ SOFTWARE: Wordperfect for Windows  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/734,973  
;/ FILING DATE: October 1996  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Nelson, M. Bud  
;/ REGISTRATION NUMBER: 35,300

;/ REFERENCE/DOCKET NUMBER: 03551.0021  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (716) 856-4000  
;/ TELEFAX: (716) 849-0349  
;/ INFORMATION FOR SEQ ID NO: 32 :  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 18 nucleotides  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single-stranded  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: DNA  
;/ HYPOTHETICAL: NO  
;/ US-08-734-973-32

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351  
Db 17 GTGTGTGTGTGTGTGTG 1

RESULT 198  
US-08-700-530-1/c  
;/ Sequence 1, Application US/08700530  
;/ Patent No. 6316186  
;/ GENERAL INFORMATION:  
;/ APPLICANT: EKINS, Roger P  
;/ TITLE OF INVENTION: Binding assay using binding agents with tail groups  
;/ FILE REFERENCE: 0380-P01180USO  
;/ CURRENT APPLICATION NUMBER: US/08/700,530  
;/ CURRENT FILING DATE: 1996-10-23  
;/ PRIOR APPLICATION NUMBER: PCT/GB95/00521  
;/ PRIOR FILING DATE: 1995-03-10  
;/ PRIOR APPLICATION NUMBER: GB 9404709.9  
;/ PRIOR FILING DATE: 1994-03-11  
;/ NUMBER OF SEQ ID NOS: 4  
;/ SOFTWARE: PatentIn Ver. 2.1  
;/ SEQ ID NO 1  
;/ LENGTH: 18  
;/ TYPE: DNA  
;/ ORGANISM: Artificial Sequence  
;/ FEATURE:  
;/ OTHER INFORMATION: Description of Artificial Sequence:  
;/ OTHER INFORMATION: Oligonucleotide  
;/ US-08-700-530-1

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351  
Db 17 GTGTGTGTGTGTGTGTG 1

RESULT 199  
US-08-700-530-2  
;/ Sequence 2, Application US/08700530  
;/ Patent No. 6316186  
;/ GENERAL INFORMATION:  
;/ APPLICANT: EKINS, Roger P  
;/ TITLE OF INVENTION: Binding assay using binding agents with tail groups  
;/ FILE REFERENCE: 0380-P01180USO  
;/ CURRENT APPLICATION NUMBER: US/08/700,530  
;/ CURRENT FILING DATE: 1996-10-23  
;/ PRIOR APPLICATION NUMBER: PCT/GB95/00521  
;/ PRIOR FILING DATE: 1995-03-10  
;/ PRIOR APPLICATION NUMBER: GB 9404709.9  
;/ PRIOR FILING DATE: 1994-03-11  
;/ NUMBER OF SEQ ID NOS: 4  
;/ SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 2  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: Oligonucleotide  
US-08-700-530-2

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351  
Db 1 GTGTGTGTGTGTGTG 17

RESULT 200  
US-08-976-427-28  
; Sequence 28, Application US/08976427A  
; Patent No. 6322968  
; GENERAL INFORMATION:  
; APPLICANT: Head, Steven R.  
; APPLICANT: Golet, Philip  
; APPLICANT: Karn, Jonathan  
; APPLICANT: Boyce-Jacino, Michael  
; TITLE OF INVENTION: De No. 6322968 or "Universal" Sequencing Array  
; FILE REFERENCE: 04990.0049  
; CURRENT APPLICATION NUMBER: US/08/976,427A  
; CURRENT FILING DATE: 1997-11-21  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 28  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic primer  
US-08-976-427-28

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351  
Db 2 GTGTGTGTGTGTGTG 18

RESULT 201  
US-09-648-312-28  
; Sequence 28, Application US/09648312  
; Patent No. 6337188  
; GENERAL INFORMATION:  
; APPLICANT: Head, Steven R.  
; APPLICANT: Golet, Philip  
; APPLICANT: Karn, Jonathan  
; APPLICANT: Boyce-Jacino, Michael  
; TITLE OF INVENTION: De No. 6337188 or "Universal" Sequencing Array  
; FILE REFERENCE: 04990.0049  
; CURRENT APPLICATION NUMBER: US/09/648,312  
; CURRENT FILING DATE: 2000-08-25  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 28  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic primer  
US-09-648-312-28

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351  
Db 2 GTGTGTGTGTGTGTG 18

RESULT 202  
PCT-US94-05085A-36/c  
; Sequence 36, Application PC/TUS9405085A  
; GENERAL INFORMATION:  
; APPLICANT: Janice T. Brown  
; TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS DETECTION ASSAY  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Baxter Diagnostics Inc.  
; STREET: One Baxter Parkway, Building DP-3E  
; CITY: Deerfield  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60015  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: Apple Macintosh  
; OPERATING SYSTEM: Apple Macintosh System 7.0  
; SOFTWARE: Macintosh Text File  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US94/05085A  
; FILING DATE: N/A  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/058,920  
; FILING DATE: May 6, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mark Buonaiuto  
; REGISTRATION NUMBER: 31,593  
; REFERENCE/DOCKET NUMBER: BA-4448  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 708/948-2537  
; TELEFAX: 708/948-2642  
; INFORMATION FOR SEQ ID NO: 36:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE:  
; DESCRIPTION: Other nucleic acid, synthetic DNA  
; HYPOTHETICAL: no  
; ANTI-SENSE: no  
; IMMEDIATE SOURCE:  
; LIBRARY: DNA synthesizer  
; FEATURE:  
; NAME/KEY: CAP267.  
PCT-US94-05085A-36

Query Match 0.4%; Score 17; DB 1; Length 24;  
Best Local Similarity 100.0%; Pred. No. 4.1e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2988 TTTTCTGGCAGCGCAG 3004  
Db 21 TTTTCTGGCAGCGCAG 5

RESULT 203  
PCT-US94-05085-36/c  
; Sequence 36, Application PC/TUS9405085  
; GENERAL INFORMATION:  
; APPLICANT: Janice T. Brown  
; TITLE OF INVENTION: HUMAN PAPILLOMAVIRUS DETECTION ASSAY

```
/
/
/ NUMBER OF SEQUENCES: 44
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Baxter Diagnostics Inc.
/ STREET: One Baxter Parkway, Building DP-3E
/ CITY: Deerfield
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60015
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Apple Macintosh System 7.0
/ SOFTWARE: Macintosh Text File
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US94/05085
/ FILING DATE: 06-MAY-1994
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/058,920
/ FILING DATE: May 6, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mark Buonaiuto
/ REGISTRATION NUMBER: 31,593
/ REFERENCE/DOCKET NUMBER: BA-4448
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 708/948-2537
/ TELEFAX: 708/948-2642
/ INFORMATION FOR SEQ ID NO: 36:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid, synthetic DNA
/ HYPOTHETICAL: no
/ ANTI-SENSE: no
/ IMMEDIATE SOURCE:
/ LIBRARY: DNA synthesizer
/ FEATURE:
/ NAME/KEY: CAP267.
/ PCT-US94-05085-36

Query Match 0.4%; Score 17; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2988 TTTTCTGCGACCGCAG 3004
DB 21 TTTTCTGCGACCGCAG 5

RESULT 204
US-08-014-943A-20/c
; Sequence 20, Application US/08014943A
; Patent No. 5545551
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: Cloning And Expression Of PUR Protein
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

/
/
/ NUMBER OF SEQUENCES: 44
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Baxter Diagnostics Inc.
/ STREET: One Baxter Parkway, Building DP-3E
/ CITY: Deerfield
/ STATE: Illinois
/ COUNTRY: USA
/ ZIP: 60015
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Apple Macintosh System 7.0
/ SOFTWARE: Macintosh Text File
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US94/05085
/ FILING DATE: 06-MAY-1994
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/058,920
/ FILING DATE: May 6, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mark Buonaiuto
/ REGISTRATION NUMBER: 31,593
/ REFERENCE/DOCKET NUMBER: BA-4448
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 708/948-2537
/ TELEFAX: 708/948-2642
/ INFORMATION FOR SEQ ID NO: 36:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 24
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid, synthetic DNA
/ HYPOTHETICAL: no
/ ANTI-SENSE: no
/ IMMEDIATE SOURCE:
/ LIBRARY: DNA synthesizer
/ FEATURE:
/ NAME/KEY: CAP267.
/ PCT-US94-05085-36

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTCGGTGTGTGTGTGT 2348
DB 20 GTATGCAATGTGTGTGTGT 1

RESULT 205
US-08-478-470-8
; Sequence 8, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-PS' PHOSPHORAMIDATES:
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Tatum
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA

/
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/014,943A
/ FILING DATE: 02(FEB)1992
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 6923-033
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212 790-9090
/ TELEFAX: 212 869-8864/9741
/ TELEFAX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: unknown
/ MOLECULE TYPE: DNA (genomic)
/ US-08-014-943A-20
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; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; US-08-478-470-8

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```

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```
QY 3463 TATATATATCTATATATATA 3482
Db 1 TATATATATTTTATATATA 20

```

```

RESULT 206
US-08-478-470-8/c
; Sequence 8, Application US/08478470
; Patent No. 5591607
; GENERAL INFORMATION:
; APPLICANT: GRYAZNOV, SERGEI
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: N3'-P5, PHOSPHORAMIDATES:
; TITLE OF INVENTION: HYBRIDIZATION AND NUCLEASE
; TITLE OF INVENTION: RESISTANCE PROPERTIES
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro
; ADDRESSEE: Huddleson & Tatum
; STREET: 5 Palo Alto Square
; STREET: 3000 El Camino Real
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,470
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: John D. Mendlein
; REGISTRATION NUMBER: 38,770
; REFERENCE/DOCKET NUMBER: LYNX-005/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 843-5020
; TELEFAX: (415) 857-0663
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:

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; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit
; OTHER INFORMATION: bond is "np"
; US-08-478-470-8

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Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 2823 TATATATACATATATATATA 2842
Db 20 TATATATATAAATATATATA 1

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RESULT 207
US-08-214-599-8
; Sequence 8, Application US/08214599
; Patent No. 5599922
; GENERAL INFORMATION:
; APPLICANT: GYAZNOV, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; TITLE OF INVENTION: Properties
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/214,599
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960

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INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE: DNA Oligonucleotide 8, Fig. 5  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
US-08-214-599-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATATA 3482  
DB 1 TATATATATTTTATATATA 20

RESULT 208  
US-08-214-599-8/c  
Sequence 8, Application US/08214599  
Patent No. 5539922  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei  
TITLE OF INVENTION: Oligonucleotide N3'-P5',  
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/214,599  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 5525-0012  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE: DNA Oligonucleotide 8, Fig. 5  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
US-08-214-599-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2842  
DB 20 TATATATATAAATATATATA 1

RESULT 209  
US-08-473-015-8  
Sequence 8, Application US/08473015  
Patent No. 5631135  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei  
TITLE OF INVENTION: Oligonucleotide N3'-P5',  
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,015  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/214,599  
FILING DATE: 18-MAR-1994



ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 5525-0012  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
US-08-473-015-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3463 TATATATCTATATATATA 3482  
|||||  
Db 1 TATATATTTTATATATA 20

RESULT 210  
US-08-473-015-8/c  
Sequence 8, Application US/08473015  
Patent No. 5631135  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei  
TITLE OF INVENTION: Oligonucleotide N3'-P5',  
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
TITLE OF INVENTION: Properties  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,015

FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/214,599  
FILING DATE: 18-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 5525-0012  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
US-08-473-015-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2823 TATATATACATATATATA 2842  
|||||  
Db 20 TATATATAAAATATATA 1

RESULT 211  
US-08-486-421-19/c  
Sequence 19, Application US/08486421  
Patent No. 5672479  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION NUMBER: US/08/486,421  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,911  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-486-421-19

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 2329 GTGTCGTGTGTGTGTGT 2348  
DB 20 GTATGATGTGTGTGTGT 1

RESULT 212  
US-08-465-368-8  
Sequence 8, Application US/08465368  
Patent No. 5726297  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei  
APPLICANT: Schultz, Ronald G.  
APPLICANT: Chen, Jer-kang  
TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE  
TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND  
TITLE OF INVENTION: COMPOSITIONS THEREOF  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,368  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/210,505  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 5525-0013  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960

INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond  
OTHER INFORMATION: is "np"  
US-08-465-368-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3463 TATATATATCTATATATATA 3482  
DB 1 TATATATATTTTATATATA 20

RESULT 213  
US-08-465-368-8/c  
Sequence 8, Application US/08465368  
Patent No. 5726297  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei  
APPLICANT: Schultz, Ronald G.  
APPLICANT: Chen, Jer-kang  
TITLE OF INVENTION: OLIGODEOXYRIBONUCLEOTIDE  
TITLE OF INVENTION: N3'P5'PHOSPHORAMIDATES: USES AND  
TITLE OF INVENTION: COMPOSITIONS THEREOF  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,368  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/210,505  
FILING DATE:

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0013
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
US-08-465-368-8
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Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 2823 TATATATACATATATATATA 2842
DB 20 TATATATATATATATATATA 1
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RESULT 214
US-08-470-911-19/c
; Sequence 19, Application US/08470911
; Patent No. 5756684
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESS: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,911
; FILING DATE: 06-JUN-1995
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; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
;
US-08-470-911-19

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGCGTGCTGTGTGTGT 2348
DB 20 GTATCATGTGTGTGTGT 1

RESULT 215
US-08-477-306-8
; Sequence 8, Application US/08477306
; Patent No. 5837835
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-p5',
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESS: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,306
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/214,599
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
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INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond"  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond"  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond"  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond"  
OTHER INFORMATION: is "np"  
US-08-477-306-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATATA 3482  
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DB 1 TATATATATTTTATATATA 20

RESULT 216  
US-08-477-306-8/c  
Sequence 8, Application US/08477306  
Patent No. 5837835  
GENERAL INFORMATION:  
APPLICANT: Gryaznov, Sergei  
TITLE OF INVENTION: Oligonucleotide N3'-p5'  
TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance  
TITLE OF INVENTION: Properties  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Dehlinger & Associates  
STREET: P.O. Box 60850  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306-0850  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/477,306  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/214,599  
FILING DATE: 18-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: 5525-0012  
TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both

TOPOLOGY: linear  
MOLECULE TYPE: DNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..2  
OTHER INFORMATION: /note= "where the intersubunit bond"  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 3..4  
OTHER INFORMATION: /note= "where the intersubunit bond"  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 5..6  
OTHER INFORMATION: /note= "where the intersubunit bond"  
OTHER INFORMATION: is "np"  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 7..8  
OTHER INFORMATION: /note= "where the intersubunit bond"  
OTHER INFORMATION: is "np"  
US-08-477-306-8

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2842  
|||||  
DB 20 TATATATAAATATATATA 1

RESULT 217  
US-08-486-809-19/c  
Sequence 19, Application US/08486809  
Patent No. 5869622  
GENERAL INFORMATION:  
APPLICANT: Johnson, Edward M.  
APPLICANT: Bergemann, Andrew D.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,809  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,911  
FILING DATE: 06-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 6923-053  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 859-9741/8864  
TELEX: 66141 PENNIE

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; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-486-809-19

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTCGTCGTGTGTGTGT 2348
Db 20 GTATGCATGTGTGTGTGT 1

RESULT 218
US-08-700-448-8
; Sequence 8, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,448
; FILING DATE: 01/10/97
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0012.10
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:

; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-700-448-8

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATATA 3482
Db 1 TATATATATTTTATATATA 20

RESULT 219
US-08-700-448-8/c
; Sequence 8, Application US/08700448
; Patent No. 5965720
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei et al.
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,448
; FILING DATE: 01/10/97
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Vincent M. Powers
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0012.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 5
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
```

```
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-700-448-8

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2823 TATATATACATATATATATA 2842
      ||||||| |||||||
Db 20 TATATATATATATATATA 1

RESULT 220
US-08-923-386A-8
; Sequence 8, Application US/08923386A
; Patent No. 6169170
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/923,386A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 6
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature

; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
US-08-923-386A-8

Query Match      0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3463 TATATATATCTATATATATA 3482
      ||||||| |||||||
Db 1 TATATATATTTTATATATA 20

RESULT 221
US-08-923-386A-8/c
; Sequence 8, Application US/08923386A
; Patent No. 6169170
; GENERAL INFORMATION:
; APPLICANT: Gryaznov, Sergei
; TITLE OF INVENTION: Oligonucleotide N3'-P5'
; TITLE OF INVENTION: Phosphoramidates: Hybridization and Nuclease Resistance
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306-0850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/923,386A
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 5525-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: DNA Oligonucleotide 8, Fig. 6
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..2
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
```

```

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3..4
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 5..6
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7..8
; OTHER INFORMATION: /note= "where the intersubunit bond
; OTHER INFORMATION: is "np"
;
; US-08-923-386A-8

```

```

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 2823 TATATACATATATATATA 2842
Db 20 TATATATAAAATATATATA 1

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RESULT 222
US-09-517-584A-66/c
; Sequence 66, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowest
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-517-584A-66

```

```

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 2325 GTGTGTGCGTGTGTGTGT 2344
Db 20 GTGTGTGACGTGTGTGT 1

```

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RESULT 223
US-09-277-078-40/c
; Sequence 40, Application US/09277078
; Patent No. 6312949
; GENERAL INFORMATION:
; APPLICANT: Sakurada, Kazuhiro
; APPLICANT: Palmer, Theo
; APPLICANT: Gage, Fred H.
; TITLE OF INVENTION: REGULATION OF TYROSINE HYDROXYLASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 07251/031001
; CURRENT APPLICATION NUMBER: US/09/277,078
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 40
; LENGTH: 20

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide for PCR
;
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: h = A, C, or T; not G
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: d = A, G, or T; not C
;
; US-09-277-078-40

```

```

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.3e+02;
Matches 17; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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QY 1666 ATGAAGATCGAGACTTCGG 1685
Db 20 ATGAAGATHGCDGACTTTGG 1

```



```

RESULT 224
US-09-716-161A-33/c
; Sequence 33, Application US/09716161A
; Patent No. 6355482
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN BETA 4 BINDING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0176
; CURRENT APPLICATION NUMBER: US/09/716,161A
; CURRENT FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-716-161A-33

```

```

Query Match 0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

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QY 718 AACACACCGACAGGAGCT 737
Db 20 AATACCCCGACAGGAGCT 1

```

```

RESULT 225
US-09-475-947A-337/c
; Sequence 337, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 337
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-337

```

```

Query Match 0.4%; Score 16.8; DB 1; Length 20;

```





```

; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/171,718
; FILING DATE: 22-DEC-1993
; APPLICATION NUMBER: US 08/108,808
; FILING DATE: 19-AUG-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/022,034
; FILING DATE: 25-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/026,063
; FILING DATE: 04-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Anne
; REGISTRATION NUMBER: 36,463
; REFERENCE/DOCKET NUMBER: 0609.3850003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-478-087-11

Query Match      0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1614 CATCCACAGGACCTGGCTG 1633
DB 21 CATCCATAGGAGCTGGCTG 2

RESULT 229
US-08-150-204E-22
; Sequence 22, Application US/08150204E
; Patent No. 6538126
; GENERAL INFORMATION:
; APPLICANT: CHO, Joong Myung
; LEE, Yong Beom
; PARK, Young Woo
; LIM, Kook Jin
; CHOI, Deog Young
; SO, Hong Seob
; KIM, Chun Hyung
; KIM, Sung Taek
; YOUNG, Jae Young
; TITLE OF INVENTION: HEPATITIS C DIAGNOSTICS AND VACCINES
; NUMBER OF SEQUENCES: 128
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: YANG, Jae Young
; STREET: 386-1, Doryong-dong, Yuseong-gu
; CITY: Daejeon
; STATE: Daejeon
; COUNTRY: Republic of Korea
; ZIP: 305-340
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5inch, 1.44MB storage
; COMPUTER: IBM PC/pentium
; OPERATING SYSTEM: Windows
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/150,204E
; FILING DATE: 20-Apr-1994
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: KR 91-9510
; FILING DATE: 10-JUN-1991
; APPLICATION NUMBER: KR 91-13601
; FILING DATE: 6-AUG-1991

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Shahan Islam, Esq.
; REGISTRATION NUMBER: 32,507
; REFERENCE/DOCKET NUMBER: 2695/FLK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 940-8564
; TELEFAX: (212) 940-8776
; INFORMATION FOR SEQ ID NO: 22
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: primer DA17PSHCV
; SEQUENCE DESCRIPTION: SEQ ID NO: 22
US-08-150-204E-22

Query Match      0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2006 TGGTGGAGGACCTGGACCGT 2025
DB 1 TGGTGGTGGAACTGGACCGT 20

RESULT 230
US-08-483-511-60/C
; Sequence 60, Application US/08483511
; Patent No. 6297048
; GENERAL INFORMATION:
; APPLICANT: Jolly, Douglas J.
; APPLICANT: Chang, Stephen M.W.
; APPLICANT: Lee, William T.L.
; APPLICANT: Townsend, Kay
; APPLICANT: O'Dea, Joanne
; TITLE OF INVENTION: HEPATITIS THERAPEUTICS
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: U.S.
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,511
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.407C5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-622-6031
; TELEX: 3723836
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-483-511-60

Query Match      0.4%; Score 16.8; DB 1; Length 22;

```

vivlemore401-10.rni

Thu Oct 28 12:48:24 2004

Best Local Similarity 90.0%; Pred. No. 3.9e+02; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 2;

QY 1820 TCTGCTCTGGGAGATCTC 1839  
Db 20 TCTGCTCTGGGAGATCTGC 1

RESULT 231  
US-08-529-190B-8/c  
; Sequence 8, Application US/08529190B  
; Patent No. 5833991  
; GENERAL INFORMATION:  
; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
; NUMBER OF SEQUENCES: 76

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: One Financial Center  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: Wordperfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/529,190B  
; FILING DATE: 15-SEP-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE9501324-9  
; FILING DATE: 10-APR-1995

; NAME: Williams, Ph.D., Kathleen A  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: 3255/53015  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-345-9100  
; TELEFAX: 617-345-9111  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: linear  
; MOLECULE TYPE: other nucleic acid  
; US-08-529-190B-8

Query Match 0.4%; Score 16.8; DB 1; Length 24;  
Best Local Similarity 90.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2104 ACCCGCACCTCCAGCTCCTC 2123  
Db 24 ACCCGCACCTCCAGCTCCTC 5

RESULT 232  
US-08-529-190B-13  
; Sequence 13, Application US/08529190B  
; Patent No. 5833991  
; GENERAL INFORMATION:  
; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
; NUMBER OF SEQUENCES: 76

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: One Financial Center  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: Wordperfect 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/529,190B  
; FILING DATE: 15-SEP-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: SE9501324-9  
; FILING DATE: 10-APR-1995

; NAME: Williams, Ph.D., Kathleen A  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: 3255/53015  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-345-9100  
; TELEFAX: 617-345-9111  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: linear  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; US-08-529-190B-8

Query Match 0.4%; Score 16.8; DB 1; Length 24;  
Best Local Similarity 90.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 CACCCGACCTCCAGCTCCTC 2122  
Db 4 CACCCGACCTCCAGCTCCTC 23

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/529,190B  
FILING DATE: 15-SEP-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: SE9501324-9  
FILING DATE: 10-APR-1995

; NAME: Williams, Ph.D., Kathleen A  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: 3255/53015  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-345-9100  
; TELEFAX: 617-345-9111  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; US-08-529-190B-13

Query Match 0.4%; Score 16.8; DB 1; Length 24;  
Best Local Similarity 90.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 CACCCGACCTCCAGCTCCTC 2122  
Db 4 CACCCGACCTCCAGCTCCTC 23

RESULT 233  
US-09-429-499-14/c  
; Sequence 14, Application US/09429499  
; Patent No. 6143504  
; GENERAL INFORMATION:  
; APPLICANT: DAS, SOMA  
; APPLICANT: LEDBETTER, DAVID H.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF FRAGILE X  
; TITLE OF INVENTION: SYNDROME  
; FILE REFERENCE: ARCD:302  
; CURRENT APPLICATION NUMBER: US/09/429,499  
; CURRENT FILING DATE: 1999-10-27  
; EARLIER APPLICATION NUMBER: 60/105,892  
; EARLIER FILING DATE: 1998-10-27  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 14  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primer  
; US-09-429-499-14

Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 90.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 CACCCGACCTCCAGCTCCTC 2122  
Db 4 CACCCGACCTCCAGCTCCTC 23

RESULT 233  
US-09-429-499-14/c  
; Sequence 14, Application US/09429499  
; Patent No. 6143504  
; GENERAL INFORMATION:  
; APPLICANT: DAS, SOMA  
; APPLICANT: LEDBETTER, DAVID H.  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF FRAGILE X  
; TITLE OF INVENTION: SYNDROME  
; FILE REFERENCE: ARCD:302  
; CURRENT APPLICATION NUMBER: US/09/429,499  
; CURRENT FILING DATE: 1999-10-27  
; EARLIER APPLICATION NUMBER: 60/105,892  
; EARLIER FILING DATE: 1998-10-27  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 14  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primer  
; US-09-429-499-14

Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 90.0%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2104 ACCCGCACCTCCAGCTCCTC 2123  
Db 24 ACCCGCACCTCCAGCTCCTC 5

RESULT 232  
US-08-529-190B-13  
; Sequence 13, Application US/08529190B  
; Patent No. 5833991  
; GENERAL INFORMATION:  
; APPLICANT: Masucci, Maria G.  
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
; NUMBER OF SEQUENCES: 76

```

; TITLE OF INVENTION: PROTEINS FOR DIAGNOSTIC AND THERAPEUTIC USE
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,597
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/612,973
; FILING DATE: 11-MAR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: BYRNE, THOMAS E.
; REGISTRATION NUMBER: 32,205
; REFERENCE/DOCKET NUMBER: 1487-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-927-597-106

Query Match 0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2164 GCCCACCAGTGGGGCTC 2186
Db 23 GCGTACCAGCAGCGGAGCTC 1

RESULT 236
US-09-600-826A-6/c
; Sequence 6, Application US/09600826A
; Patent No. 6770742
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Bange, Johannes
; APPLICANT: Knyazev, Pjotr
; TITLE OF INVENTION: Use of inhibitors for the treatment of RTK-hyperfunction-induced
; FILE REFERENCE: 205984
; CURRENT APPLICATION NUMBER: US/09/600,826A
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: PCT/EP99/00405
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: DE 198 02 377.4
; PRIOR FILING DATE: 1998-01-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for the amplification of the transmembrane domain of Fc

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; TITLE OF INVENTION: PURIFIED HEPATITIS C VIRUS ENVELOPE
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/612,973
; FILING DATE: 11-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BYRNE, THOMAS E.
; REGISTRATION NUMBER: 32,205
; REFERENCE/DOCKET NUMBER: 1487-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-612-973-106

Query Match 0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2164 GCCCACCAGTGGGGCTC 2186
Db 23 GCGTACCAGCAGCGGAGCTC 1

RESULT 235
US-08-927-597-106/c
; Sequence 106, Application US/08927597
; Patent No. 6245503
; GENERAL INFORMATION:
; APPLICANT: MAERTENS, GEERT
; APPLICANT: BOSMAN, FONS
; APPLICANT: DE MARTYNOFF, GUY
; TITLE OF INVENTION: PURIFIED HEPATITIS C VIRUS ENVELOPE

```

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; OTHER INFORMATION: (wild-type and mutant)
US-09-600-826A-6

Query Match      0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1009 CACAAGATCTCCGCTTCCCGCT 1031
Db 23 CAGAAGCTCTCCCTCTTCCCTCT 1

RESULT 237
US-08-734-973-1/c
; Sequence 1, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basik, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 28 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-28

Query Match      0.4%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGTGTG 2333
Db 18 TTTGTGTGTGTGTGTGTG 1

RESULT 239
US-09-475-947A-104
; Sequence 104, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 104
; LENGTH: 18
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-104

Query Match      0.4%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2822 GTATATATACATATATAT 2839
Db 1 GTATATATATATATATAT 18

RESULT 240

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US-09-433-699-42/c
; Sequence 42, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-42

Query Match          0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1353 GCGATGATGAAGATGAT 1370
DB 19 GAAGATGATGAAGATGAT 2

RESULT 241
US-09-068-506-17
; Sequence 17, Application US/09068506A
; Patent No. 6569618
; GENERAL INFORMATION:
; APPLICANT: YASUE, Hirofumi
; APPLICANT: YOSHIMURA, Kumamoto
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY
; TITLE OF INVENTION: TWITCHING
; FILE REFERENCE: 0032-245P
; CURRENT APPLICATION NUMBER: US/09/068,506A
; CURRENT FILING DATE: 1998-07-10
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Primers
US-09-068-506-17

Query Match          0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3064 TGTTCACACACCCCAACA 3081
DB 3  TGATCCACACCCCAACA 20

RESULT 242
US-09-967-655-59/c
; Sequence 59, Application US/09967655
; Patent No. 6734017
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0227
; CURRENT APPLICATION NUMBER: US/09/967,655
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 95

```

```

; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-59

Query Match          0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 3.8e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1584 GGGCATGGAGTACTTGGC 1601
DB 19 GGGCATGGAGTCTTGGC 2

RESULT 243
US-09-526-193A-205
; Sequence 205, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; TITLE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 205
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-205

Query Match          0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGACGTGCTGG 514
DB 1 ACACGCTGGCGTGTGG 18

RESULT 244
US-09-232-785-5/c
; Sequence 5, Application US/09232785
; Patent No. 6733965
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5

```

```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-5

Query Match      0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3575 AAAGCTTGAGGAGGCC 3592
Db 18 AAAGCTTGAGAGGCC 1

; RESULT 245
US-09-756-301B-28/c
; Sequence 28, Application US/09756301B
; Patent No. 6790444
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-008
; CURRENT APPLICATION NUMBER: US/09/756,301B
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
US-09-756-301B-28

Query Match      0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCACACCTGCAA 2

; RESULT 246
US-07-947-683-5
; Sequence 5, Application US/07947683
```

```
; Patent No. 5589451
; GENERAL INFORMATION:
; APPLICANT: WILSON, STEVEN E.
; TITLE OF INVENTION: METHODS AND TREATMENTS FOR
; TITLE OF INVENTION: CORNEAL HEALING WITH HEPATOCYTE
; TITLE OF INVENTION: AND KERATINOCYTE GROWTH FACTORS
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P. O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/947 683
; FILING DATE: SEPTEMBER 21, 1992
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: KITCHELL, BARBARA S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: UTSD:311/KIT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512-320-7200
; TELEFAX: 512-474-7577
; TELEX: NOT APPLICABLE
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-947-683-5

Query Match      0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1807 TGGTCCTTTGGGCTCCTCTC 1827
Db 1 TGGTCCTTTGGGCTCCTCTC 21

; RESULT 247
US-08-400-323-4
; Sequence 4, Application US/08400323
; Patent No. 5703047
; GENERAL INFORMATION:
; APPLICANT: Wilson, Steven E.
; TITLE OF INVENTION: Methods and Treatments for Corneal
; TITLE OF INVENTION: Healing with Growth Factors
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/400,323
; FILING DATE: 09-MAR-1995
; CLASSIFICATION: 514
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Kitchell, Barbara S.
; REGISTRATION NUMBER: 33,928
; REFERENCE/DOCKET NUMBER: UTSD:431\KIT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; TELEX: 79-0924
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-400-323-4
;
; Query Match 0.4%; Score 16.2; DB 1; Length 21;
; Best Local Similarity 85.7%; Pred. No. 4.4e+02;
; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1807 TGGTCTTTGGGCTCTGCTC 1827
Db 1 TGGTCTTTGGGCTCTGCTC 21

RESULT 248
US-08-533-996A-3
; Sequence 3, Application US/08533996A
; Patent No. 5866329
; GENERAL INFORMATION:
; APPLICANT: Demetriou M.D., Achilles A.
; APPLICANT: Ljubimova M.D., Julia Y.
; TITLE OF INVENTION: A NOVEL GENE ASSOCIATED WITH LIVER
; TITLE OF INVENTION: NEOPLASTIC DISEASE
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/533,996A
; FILING DATE: 27-SEP-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Fujita Esq., Sharon M.
; REGISTRATION NUMBER: 38,459
; REFERENCE/DOCKET NUMBER: P07 34306
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 213-622-7700
; TELEFAX: 213-489-4210
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; US-08-533-996A-3
;
; Query Match 0.4%; Score 16.2; DB 1; Length 21;
; Best Local Similarity 85.7%; Pred. No. 4.4e+02;
; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1807 TGGTCTTTGGGCTCTGCTC 1827
```

```
Db 1 TGGTCTTTGGGCTCTGCTC 21

RESULT 249
US-08-863-639A-44/c
; Sequence 44, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C.T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-44
;
; Query Match 0.4%; Score 16.2; DB 1; Length 21;
; Best Local Similarity 85.7%; Pred. No. 4.4e+02;
; Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1350 GATGGAGATGATGAAGATGAT 1370
Db 21 GATGATGATGATGATGAT 1

RESULT 250
US-08-863-639A-65
; Sequence 65, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C.T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
```

ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel WordPerfect 8 version  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Mueth  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 65:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-65

Query Match 0.4%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 GATGGAGTATGATGATCAT 1370  
DB 1 GATGATGATGATGATGATCAT 21

RESULT 251  
US-09-403-267-12/c  
Sequence 12, Application US/09403267  
Patent No. 6159710  
GENERAL INFORMATION:  
APPLICANT: Wistar Institute of Anatomy, and Biology  
APPLICANT: Fraser, Nigel W.  
APPLICANT: Zabolotny, Janice M.  
APPLICANT: Krummenacher, Claude F.  
TITLE OF INVENTION: Method and Compositions for Stabilizing  
TITLE OF INVENTION: Unstable Gene Transcripts  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Howson and Howson  
STREET: Spring House Corporate Cntr., P.O. Box 457  
CITY: Spring House  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19477  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/403,267  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/044,664  
FILING DATE: 18-APR-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Bak, Mary E.  
REGISTRATION NUMBER: 31,215  
REFERENCE/DOCKET NUMBER: WST78ABPT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-540-9200  
TELEFAX: 215-540-5818

INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "probe/primer Exon 2n"  
US-09-403-267-12

Query Match 0.4%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.4e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 183 CGGGGAGGACGAGGCTGAGGA 203  
DB 21 CGAGGAGGAGGAGGCAGAGGA 1

RESULT 252  
US-08-849-021-69/c  
Sequence 69, Application US/08849021  
Patent No. 5955276  
GENERAL INFORMATION:  
APPLICANT: MORGANTE, MICHELE  
APPLICANT: VOGEL, JULIE M.  
TITLE OF INVENTION: COMPOUND MICROSATELLITE  
TITLE OF INVENTION: PRIMERS FOR THE  
TITLE OF INVENTION: DETECTION OF GENETIC  
TITLE OF INVENTION: POLYMORPHISMS  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
ADDRESS: COMPANY  
STREET: 1007 MARKET STREET  
CITY: WILMINGTON  
STATE: DELAWARE  
COUNTRY: U.S.A.  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/849,021  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/346,456  
FILING DATE: 28 NOVEMBER 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: FLOYD, LINDA AXAMETHY  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1064-A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 302-892-8112  
TELEFAX: 302-992-7949  
INFORMATION FOR SEQ ID NO: 69:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-849-021-69

Query Match 0.4%; Score 16.2; DB 1; Length 22;  
Best Local Similarity 85.7%; Pred. No. 4.7e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844



```
Db      21 ACACACATATATATATA 1
RESULT 253
US-08-849-021-83/c
; Sequence 83, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-83

Query Match      0.4%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2824 ATATATACATATATATATA 2844
Db      21 ACACACATATATATATA 1

RESULT 254
US-08-849-021-84
; Sequence 84, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
```

```
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 84:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-84

Query Match      0.4%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2823 TATATATACATATATATAT 2843
Db      1 TATATATATATATATGTGT 21

RESULT 255
US-08-849-021-84/c
; Sequence 84, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
```

```

Best Local Similarity  85.7%;  Pred.No. 4.7e+02;
Matches 18;  Conservative  0;  Mismatches  3;  Indels  0;  Gaps  0;

QY      2819  ATGGTATATATACATATATAT 2839
      ||||||| ||| |||||||
Db      21  ATGGTATCGATATATATAT 1

RESULT 257
US-09-479-776-4/c
; Sequence 4, Application US/09479776
; Patent No. 633195
; GENERAL INFORMATION:
; APPLICANT: Respess, James G.
; De Polo, Nicholas J.
; Chada, Sunil
; Sauter, Sybille
; Bodner, Mordechai
; Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHIRON CORPORATION
; STREET: INTELLECTUAL PROPERTY-R440
; P.O. BOX 8097
; CITY: EMERYVILLE
; STATE: CA
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/479,776
; FILING DATE: 07-Jan-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: KRUSE, NORMAN J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049.424C4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206)622-4900
; TELEFAX: (206)682-6031
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
;
US-09-479-776-4
Query Match 0.4%; Score 16.2; DB 1; Length 22;
Best Local Similarity  85.7%;  Pred.No. 4.7e+02;
Matches 18;  Conservative  0;  Mismatches  3;  Indels  0;  Gaps  0;

QY      2819  ATGGTATATATACATATATAT 2839
      ||||||| ||| |||||||
Db      21  ATGGTATCGATATATATAT 1

RESULT 258
US-09-139-617-4/c
; Sequence 4, Application US/09139617
; Patent No. 6222015
; GENERAL INFORMATION:
; APPLICANT: WILKINSON, HILARY
; TITLE OF INVENTION: ESTROGEN RECEPTOR
; FILE REFERENCE: 20047Y
; CURRENT APPLICATION NUMBER: US/09/139,617
; CURRENT FILING DATE: 1998-08-25

```

; EARLIER APPLICATION NUMBER: 60/058,271  
; EARLIER FILING DATE: 1997-09-08  
; EARLIER APPLICATION NUMBER: 60/060,520  
; EARLIER FILING DATE: 1997-09-30  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 4  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: HUMAN  
US-09-139-617-4

Query Match 0.4%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 5e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 666 GGTGGGCCCGGACGCACACC 686  
|||||  
Db 23 GGTGGGCCCTGTGCGCAGACC 3

## RESULT 259

US-09-561-741A-4/c  
; Sequence 4, Application US/09561741A  
; Patent No. 6458551  
; GENERAL INFORMATION:  
; APPLICANT: WILKINSON, HILARY  
; TITLE OF INVENTION: ESTROGEN RECEPTOR  
; FILE REFERENCE: 20047Y  
; CURRENT APPLICATION NUMBER: US/09/561,741A  
; CURRENT FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 09/139,617  
; PRIOR FILING DATE: 1998-08-25  
; PRIOR APPLICATION NUMBER: 60/058,271  
; PRIOR FILING DATE: 1997-09-08  
; PRIOR APPLICATION NUMBER: 60/060,520  
; PRIOR FILING DATE: 1997-09-30  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 4  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: HUMAN  
US-09-561-741A-4

Query Match 0.4%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 5e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 666 GGTGGGCCCGGACGCACACC 686  
|||||  
Db 23 GGTGGGCCCTGTGCGCAGACC 3

## RESULT 260

US-09-558-795-4/c  
; Sequence 4, Application US/09558795  
; Patent No. 6562592  
; GENERAL INFORMATION:  
; APPLICANT: WILKINSON, HILARY  
; TITLE OF INVENTION: ESTROGEN RECEPTOR  
; FILE REFERENCE: 20047Y  
; CURRENT APPLICATION NUMBER: US/09/558,795  
; CURRENT FILING DATE: 2000-04-26  
; PRIOR APPLICATION NUMBER: 09/139,617  
; PRIOR FILING DATE: 1998-08-25  
; PRIOR APPLICATION NUMBER: 60/058,271  
; PRIOR FILING DATE: 1997-09-08  
; PRIOR APPLICATION NUMBER: 60/060,520  
; PRIOR FILING DATE: 1997-09-30  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 4

; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: HUMAN  
US-09-558-795-4

Query Match 0.4%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 5e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 666 GGTGGGCCCGGACGCACACC 686  
|||||  
Db 23 GGTGGGCCCTGTGCGCAGACC 3

## RESULT 261

US-08-222-177A-439/c  
; Sequence 439, Application US/08222177A  
; Patent No. 5582979  
; GENERAL INFORMATION:  
; APPLICANT: Weber, James L.  
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
; TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME  
; NUMBER OF SEQUENCES: 460  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dewitt Ross & Stevens, S.C.  
; STREET: 8000 Excelsior Drive, Suite 401  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: USA  
; ZIP: 53717-1914  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/222,177A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/341,562  
; FILING DATE: 21-APR-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sara, Charles S.  
; REGISTRATION NUMBER: 30,492  
; REFERENCE/DOCKET NUMBER: 09865.601  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 831-2100  
; TELEFAX: (608) 831-2106  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 439:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-222-177A-439

Query Match 0.4%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333  
|||||  
Db 16 TGTGTGTGTGTGTGTG 1

## RESULT 262

US-09-371-772B-6068  
; Sequence 6068, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:



; OTHER INFORMATION: Chemically synthesized oligomer  
US-08-885-126-9

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGT 2350  
|||||  
Db 1 GTGTGTGTGTGTGT 16

## RESULT 266

US-08-960-111-11  
; Sequence 11, Application US/08960111  
; Patent No. 6060456  
; GENERAL INFORMATION:  
; APPLICANT: Arnold Jr., Lyle J  
; APPLICANT: Reynolds, Mark A  
; APPLICANT: Giachetti, Christina  
; TITLE OF INVENTION: Chimeric Oligonucleoside Compounds  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 611 West Sixth St.  
; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 90017  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/960,111  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/238,177  
; FILING DATE: 04-MAY-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meier, Paul H.  
; REGISTRATION NUMBER: 32,274  
; REFERENCE/DOCKET NUMBER: 207/174  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 213/489-1600  
; TELEFAX: 213/955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; HYPOTHETICAL: no  
; ANTI-SENSE: yes  
; FEATURE:  
; NAME/KEY: GT oligomers 2517-1, 2516-1  
; IDENTIFICATION METHOD: synthesis experiments  
; OTHER INFORMATION: complementary to synthetic RNA  
; OTHER INFORMATION: target  
US-08-960-111-11

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGT 2350  
|||||  
Db 1 GTGTGTGTGTGTGT 16

## RESULT 267

US-09-490-774-11  
; Sequence 11, Application US/09490774  
; Patent No. 6262036  
; GENERAL INFORMATION:  
; APPLICANT: Arnold Jr., Lyle J  
; APPLICANT: Reynolds, Mark A  
; APPLICANT: Giachetti, Christina  
; TITLE OF INVENTION: Chimeric Oligonucleoside Compounds  
; NUMBER OF SEQUENCES: 27  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 611 West Sixth St.  
; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 90017  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/490,774  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/960,111  
; FILING DATE:  
; APPLICATION NUMBER: US/08/238,177  
; FILING DATE: 04-MAY-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meier, Paul H.  
; REGISTRATION NUMBER: 32,274  
; REFERENCE/DOCKET NUMBER: 207/174  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 213/489-1600  
; TELEFAX: 213/955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; HYPOTHETICAL: no  
; ANTI-SENSE: yes  
; FEATURE:  
; NAME/KEY: GT oligomers 2517-1, 2516-1  
; IDENTIFICATION METHOD: synthesis experiments  
; OTHER INFORMATION: complementary to synthetic RNA  
; OTHER INFORMATION: target  
US-09-490-774-11

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 3.4e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGT 2350  
|||||  
Db 1 GTGTGTGTGTGTGT 16

## RESULT 268

US-09-958-221A-16  
; Sequence 16, Application US/09958221A  
; Patent No. 6686160  
; GENERAL INFORMATION:  
; APPLICANT: Haeringen van, Willem A.  
; APPLICANT: Haeringen van, Hendrik  
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS

```
/ FILE REFERENCE: 92750/64
/ CURRENT APPLICATION NUMBER: US/09/958,221A
/ PRIOR FILING DATE: 2001-10-03
/ PRIOR APPLICATION NUMBER: EP 00200757.3
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/NL01/00177
/ PRIOR FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 16
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-16

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 2 TGTGTGTGTGTGTG 17

RESULT 269
US-09-958-221A-17
/ Sequence 17, Application US/09958221A
/ Patent No. 6686160
/ GENERAL INFORMATION:
/ APPLICANT: Haeringen van, Willem A.
/ APPLICANT: Haeringen van, Hendrik
/ TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
/ FILE REFERENCE: 92750/64
/ CURRENT APPLICATION NUMBER: US/09/958,221A
/ CURRENT FILING DATE: 2001-10-03
/ PRIOR APPLICATION NUMBER: EP 00200757.3
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/NL01/00177
/ PRIOR FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 17
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-17

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 2 TGTGTGTGTGTGTG 17

RESULT 270
US-09-958-221A-19/c
/ Sequence 19, Application US/09958221A
/ Patent No. 6686160
/ GENERAL INFORMATION:
/ APPLICANT: Haeringen van, Willem A.
/ APPLICANT: Haeringen van, Hendrik
/ TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
/ FILE REFERENCE: 92750/64
/ CURRENT APPLICATION NUMBER: US/09/958,221A
/ CURRENT FILING DATE: 2001-10-03
/ PRIOR APPLICATION NUMBER: EP 00200757.3
/ PRIOR FILING DATE: 2000-03-03
```

```
/ PRIOR APPLICATION NUMBER: PCT/NL01/00177
/ PRIOR FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 19
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-19

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 17 TGTGTGTGTGTGTG 2

RESULT 271
US-09-958-221A-21/c
/ Sequence 21, Application US/09958221A
/ Patent No. 6686160
/ GENERAL INFORMATION:
/ APPLICANT: Haeringen van, Willem A.
/ APPLICANT: Haeringen van, Hendrik
/ TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
/ FILE REFERENCE: 92750/64
/ CURRENT APPLICATION NUMBER: US/09/958,221A
/ CURRENT FILING DATE: 2001-10-03
/ PRIOR APPLICATION NUMBER: EP 00200757.3
/ PRIOR FILING DATE: 2000-03-03
/ PRIOR APPLICATION NUMBER: PCT/NL01/00177
/ PRIOR FILING DATE: 2001-03-05
/ NUMBER OF SEQ ID NOS: 27
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 21
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-21

Query Match          0.4%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 17 TGTGTGTGTGTGTG 2

RESULT 272
US-08-734-973-3/c
/ Sequence 3, Application US/08734973
/ Patent No. 5912147
/ GENERAL INFORMATION:
/ APPLICANT: Stoler, Daniel L.
/ APPLICANT: Basik, Mark
/ APPLICANT: Anderson, Garth R.
/ TITLE OF INVENTION: A Rapid Means For Quantitating
/ TITLE OF INVENTION: Genomic Instability
/ NUMBER OF SEQUENCES: 38
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
/ STREET: 1800 One Mt Plaza
/ CITY: Buffalo
/ STATE: New York
/ COUNTRY: United States
/ ZIP: 14203-2391
```







```
RESULT 278
US-08-734-973-36/c
; Sequence 36, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basic, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 36 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-36

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 279
US-08-734-973-37/c
; Sequence 37, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basic, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 37 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-37
```

```
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 37 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; US-08-734-973-37

Query Match 0.4%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333
Db 16 TGTGTGTGTGTGTG 1

RESULT 280
US-08-734-973-38/c
; Sequence 38, Application US/08734973
; Patent No. 5912147
; GENERAL INFORMATION:
; APPLICANT: Stoler, Daniel L.
; APPLICANT: Basic, Mark
; APPLICANT: Anderson, Garth R.
; TITLE OF INVENTION: A Rapid Means For Quantitating
; TITLE OF INVENTION: Genomic Instability
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hodgson, Russ, Andrews, Woods & Goodyear
; STREET: 1800 One M&T Plaza
; CITY: Buffalo
; STATE: New York
; COUNTRY: United States
; ZIP: 14203-2391
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS/ Microsoft Windows
; SOFTWARE: Wordperfect for Windows
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/734,973
; FILING DATE: October 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Nelson, M. Bud
; REGISTRATION NUMBER: 35,300
; REFERENCE/DOCKET NUMBER: 03551.0021
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 856-4000
; TELEFAX: (716) 849-0349
; INFORMATION FOR SEQ ID NO: 38 :
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
```

; HYPOTHETICAL: No  
US-08-734-973-38

Query Match 0.4%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333  
|||||

Db 16 TGTGTGTGTGTGTG 1

RESULT 281  
US-09-496-694B-235  
; Sequence 235, Application US/09496694B  
; Patent No. 6335194  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0439  
; CURRENT APPLICATION NUMBER: US/09/496,694B  
; CURRENT FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 235  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-235

Query Match 0.4%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2830 ACATATATATATATA 2845  
|||||

Db 1 ACATATATATATATA 16

RESULT 282  
US-09-780-045-110/c  
; Sequence 110, Application US/097800045  
; Patent No. 6602713  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT  
; FILE REFERENCE: EXPRESSION  
; FILE REFERENCE: RTS-0130  
; CURRENT APPLICATION NUMBER: US/09/780,045  
; CURRENT FILING DATE: 2001-02-09  
; NUMBER OF SEQ ID NOS: 135  
; SEQ ID NO 110  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-045-110

Query Match 0.4%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 4.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2823 TATATACATATATA 2838

Db 16 TATATACATATATA 1  
|||||

RESULT 283  
US-08-104-165-30  
; Sequence 30, Application US/08104165  
; Patent No. 5877015  
; GENERAL INFORMATION:  
; APPLICANT: HARDY, John Anthony  
; APPLICANT: GOATE, Alison Mary  
; APPLICANT: MULLAN, Michael John  
; APPLICANT: CHARTIER-HARLIN, Marie-Christine  
; APPLICANT: OWEN, Michael John  
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend Kourie and Crew  
; STREET: 379 Lytton Avenue  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: US  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/104,165  
; FILING DATE: 21-JAN-1992  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 9101307.8  
; FILING DATE: 21-JAN-1991  
; APPLICATION NUMBER: 9118445.7  
; FILING DATE: 28-AUG-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Liebeschuetz, Joe  
; REGISTRATION NUMBER: 37,505  
; REFERENCE/DOCKET NUMBER: 16163-000100  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 326-2400  
; TELEFAX: (415) 326-2422  
; INFORMATION FOR SEQ ID NO: 30:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (Primer)  
US-08-104-165-30

Query Match 0.4%; Score 16; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3365 AAATCTTCTAATTCG 3380  
|||||

Db 6 AAATCTTCTAATTCG 21

RESULT 284  
US-08-464-250-30  
; Sequence 30, Application US/08464250  
; Patent No. 6300540  
; GENERAL INFORMATION:  
; APPLICANT: HARDY, John Anthony  
; APPLICANT: GOATE, Alison Mary  
; APPLICANT: MULLAN, Michael John  
; APPLICANT: CHARTIER-HARLIN, Marie-Christine  
; APPLICANT: OWEN, Michael John  
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease  
; NUMBER OF SEQUENCES: 44

;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Townsend and Townsend Kourie and Crew  
;/ STREET: 379 Lytton Avenue  
;/ CITY: Palo Alto  
;/ STATE: California  
;/ COUNTRY: US  
;/ ZIP: 94301  
;/  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Floppy Disk  
;/ COMPUTER: IBM PC compatible  
;/ OPERATING SYSTEM: PC-DOS/MS-DOS  
;/  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/464,250  
;/ FILING DATE: 05-Jun-1995  
;/ CLASSIFICATION: 435  
;/  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 08/104,165  
;/ FILING DATE: 21-JAN-1992  
;/ APPLICATION NUMBER: 9101307.8  
;/ FILING DATE: 21-JAN-1991  
;/ APPLICATION NUMBER: 9118445.7  
;/ FILING DATE: 28-AUG-1991  
;/  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Liebeschuetz, Joe  
;/ REGISTRATION NUMBER: 37,505  
;/ REFERENCE/DOCKET NUMBER: 16163-000100  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (415) 326-2400  
;/ TELEFAX: (415) 326-2422  
;/  
;/ INFORMATION FOR SEQ ID NO: 30:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 22 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/  
;/ MOLECULE TYPE: DNA (Primer)  
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 30:  
;/ US-08-464-250-30

Query Match 0.4%; Score 16; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 3365 AAATCTCTTAATGTC 3380  
Db 6 AAATCTCTTAATGTC 21

RESULT 285  
US-09-725-265-5  
; Sequence 5, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5

;/ LENGTH: 30  
;/ TYPE: DNA  
;/ ORGANISM: ARTIFICIAL SEQUENCE  
;/ FEATURE:  
;/ OTHER INFORMATION: SYNTHETIC DNA  
;/ US-09-725-265-5

Query Match 0.4%; Score 16; DB 1; Length 30;  
Best Local Similarity 79.2%; Pred. No. 7.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 3474 ATATATATAATTTATTGAGTGT 3497  
Db 1 ATATATATAATTTATTGAGTGT 24

RESULT 286  
US-09-725-265-8  
; Sequence 8, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 8  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
;/ US-09-725-265-8

Query Match 0.4%; Score 16; DB 1; Length 30;  
Best Local Similarity 79.2%; Pred. No. 7.5e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Oy 3474 ATATATATAATTTATTGAGTGT 3497  
Db 1 ATATATATAATTTATTGAGTGT 24

RESULT 287  
US-09-556-127-5  
; Sequence 5, Application US/09556127  
; Patent No. 6699661  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; FILE REFERENCE: 0163-0758-0X

```
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 5
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-5

Query Match      0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATATTTTATTGAGTTTTT 3497
Db 1 ATATATATTTTGTGTTTTT 24

RESULT 288
US-09-556-127-8
; Sequence 8, Application US/09556127
; Patent No. 669661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOKAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 8
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-8

Query Match      0.4%; Score 16; DB 1; Length 30;
Best Local Similarity 79.2%; Pred. No. 7.5e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATATTTTATTGAGTTTTT 3497
Db 1 ATATATATTTTGTGTTTTT 24

RESULT 289
US-08-849-021-74
; Sequence 74, Application US/08849021
; Patent No. 595276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
```

```
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-849-021-74

Query Match      0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2338 TGTGTGTGTGTGTGCACAT 2356
Db 1 TGTGTGTGTGTGTATAT 19

RESULT 290
US-09-696-791-3391
; Sequence 3391, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 3391
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3391

Query Match      0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2548 GTCGCGCCTCTGCCTTTC 2566
```

Db 1 GGTGGCGCTTACCTTGC 19

RESULT 291  
US-08-961-749-1/c  
; Sequence 1, Application US/08961749  
; Patent No. 5908830  
; GENERAL INFORMATION:  
; APPLICANT: SMITH, ROY G.  
; APPLICANT: CASCIERI, MARGARET A.  
; APPLICANT: MACINTYRE, EVAN  
; APPLICANT: MACNEIL, DOUGLAS J.  
; APPLICANT: MENKE, JOHN G.  
; TITLE OF INVENTION: COMBINATION THERAPY FOR THE TREATMENT OF  
; TITLE OF INVENTION: DIABETES AND OBESITY  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MARY A. APOLLINA - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. Box 2000  
; CITY: RAHWAY  
; STATE: NEW JERSEY  
; COUNTRY: USA  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/961,749  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: APOLLINA, MARY A.  
; REGISTRATION NUMBER: 34,087  
; REFERENCE/DOCKET NUMBER: 19822Y  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (732) 594-3462  
; TELEFAX: (732) 594-4720  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-961-749-1

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 4.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3685 CTCCTCTTGGGCCGAGTG 3703  
Db 19 CTCCTCTTGGGCTCAGT 1

RESULT 292  
US-08-849-021-89/c  
; Sequence 89, Application US/08849021  
; Patent No. 5955276  
; GENERAL INFORMATION:  
; APPLICANT: MORGANTE, MICHELE  
; APPLICANT: VOGEL, JULIE M.  
; TITLE OF INVENTION: COMPOUND MICROSATELLITE  
; TITLE OF INVENTION: PRIMERS FOR THE  
; TITLE OF INVENTION: DETECTION OF GENETIC  
; TITLE OF INVENTION: POLYMORPHISMS  
; NUMBER OF SEQUENCES: 89  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
; ADDRESSEE: COMPANY  
; STREET: 1007 MARKET STREET

; CITY: WILMINGTON  
; STATE: DELAWARE  
; COUNTRY: U.S.A.  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,021  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/346,456  
; FILING DATE: 28 NOVEMBER 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FLOYD, LINDA AXAMETHY  
; REGISTRATION NUMBER: 33,692  
; REFERENCE/DOCKET NUMBER: BB-1064-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 302-892-8112  
; TELEFAX: 302-992-7949  
; INFORMATION FOR SEQ ID NO: 89:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-08-849-021-89

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 4.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2338 TGTGTGTGTGTGCACAT 2356  
Db 20 TGTGTGTGTGTGTATAT 2

RESULT 293  
US-08-578-615A-66  
; Sequence 66, Application US/08578615A  
; Patent No. 6015892  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs  
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase  
; NUMBER OF SEQUENCES: 122  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/578,615A  
; FILING DATE: 11-JAN-1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 852,852  
; FILING DATE: 16-MAR-1992  
; APPLICATION NUMBER: 08/089,996  
; FILING DATE: 09-JUL-1993  
; APPLICATION NUMBER: 08/199,779  
; FILING DATE: 22-FEB-1994  
; ATTORNEY/AGENT INFORMATION:

```
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1568
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-578-615A-66

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CTCCTCCATCTCTGGCT 341
Db 2 CTCCTCCATCTCTGGCT 20

RESULT 294
US-09-418-641-32
; Sequence 32, Application US/09418641A
; Patent No. 6124133
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION
; FILE REFERENCE: RTS-0105
; CURRENT APPLICATION NUMBER: US/09/418,641A
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-641-32

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1484 GCGGCCCCCGGCGCTGGA 1502
Db 2 GCGGCCCCCGGCGCGGA 20

RESULT 295
US-09-286-904-65/c
; Sequence 65, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
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```
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-65

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 43 GGGCCCCCAGCGCTGCAGG 61
Db 20 GTGCCGCGAGCGCTGCAGG 2

RESULT 296
US-09-428-219-53
; Sequence 53, Application US/09428219
; Patent No. 617273
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN-LINKED KINASE EXPRESSION
; FILE REFERENCE: RTS-0101
; CURRENT APPLICATION NUMBER: US/09/428,219
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-219-53

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 GAGGAGCTGGTGAGGCTG 874
Db 2 GAGGAGCAGGTGGAGACTG 20

RESULT 297
US-09-448-176-1
; Sequence 1, Application US/09448176
; Patent No. 6248533
; GENERAL INFORMATION:
; APPLICANT: KAMIZONO, Shintaro
; APPLICANT: YAMADA, Akira
; APPLICANT: HIGUCHI, Takafumi
; APPLICANT: KATO, Hirohisa
; APPLICANT: ITOH, Kyogo
; APPLICANT: SEKI, Naoko
; TITLE OF INVENTION: GENE DIAGNOSIS OF DISEASES WHEREIN
; TNP-ALPHA PROMOTERS PARTICIPATE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/448,176
; FILING DATE: 24-No. 6248533-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
```

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1 / APPLICATION NUMBER: WO PCT/JP98/02270
2 / FILING DATE: 25-MAY-1998
3 / APPLICATION NUMBER: WO PCT/JP97/04304
4 / FILING DATE: 26-NOV-1997
5 / APPLICATION NUMBER: JP 9-173900
6 / FILING DATE: 30-JUN-1997
7 / APPLICATION NUMBER: JP 9-134973
8 / FILING DATE: 26-MAY-1997
9 / ATTORNEY/AGENT INFORMATION:
10 / NAME: Wegner, Harold C.
11 / REGISTRATION NUMBER: 25,258
12 / REFERENCE/DOCKET NUMBER: 74129/472
13 / TELECOMMUNICATION INFORMATION:
14 / TELEPHONE: (202) 672-5300
15 / TELEFAX: (202) 672-5399
16 / INFORMATION FOR SEQ ID NO: 1:
17 /     SEQUENCE CHARACTERISTICS:
18 /         LENGTH: 20 base pairs
19 /         TYPE: nucleic acid
20 /         STRANDEDNESS: single
21 /         TOPOLOGY: linear
22 /     MOLSCULE TYPE: other nucleic acid
23 /     DESCRIPTION: /desc = "primer"
24 /     SEQUENCE DESCRIPTION: SEQ ID NO: 1:
25 / US-09-448-176-1

```

```

; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-133

Query Match          0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred.No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0

QY      1453 AAGGGTAACCTGCGGAGCT 1471
        |||||
DB      20 AAGGGCAACCTGCAGGAGT 2

RESULT 300
PCT-US94-07770-66
; Sequence 66, Application PC/TUS9407770
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and
; APPLICANT: Russell T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/07770
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: July 9, 1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: February 22, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: 1SIS-1546
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single

```

```
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US94-07770-66

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 323 CTCCTCCCATCTCTCGGCT 341
Db 2 CTCCTCCCATCTCTCGGCT 20

RESULT 301
US-09-725-265-9
; Sequence 9, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTGTCTCTTTT 3285
Db 3 ATATATTTTTCCTTTTCTTTT 29

RESULT 302
US-09-556-127-9
; Sequence 9, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
```

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; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTGTCTCTTTT 3285
Db 3 ATATATTTTTCCTTTTCTTTT 29

RESULT 303
US-09-197-814-9
; Sequence 9, Application US/09197814A
; Patent No. 6316220
; GENERAL INFORMATION:
; APPLICANT: Christensen, Tove
; TITLE OF INVENTION: A Transcription Factor
; FILE REFERENCE: 4484.204-US
; CURRENT APPLICATION NUMBER: US/09/197,814A
; CURRENT FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: 0740/96
; EARLIER FILING DATE: 1996-07-05
; EARLIER APPLICATION NUMBER: PCT/DK97/00305
; EARLIER FILING DATE: 1997-07-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-197-814-9

Query Match      0.4%; Score 15.8; DB 1; Length 41;
Best Local Similarity 65.7%; Pred. No. 1e+03;
Matches 23; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3300 TTCTATAGGATTTTCTTTAGGAGATTTATTTT 3334
Db 1 TTTTGTAGCTTTTCTTTTCTTTTCTTTT 35

RESULT 304
US-09-920-581-9
; Sequence 9, Application US/09920581
; Patent No. 6555657
; GENERAL INFORMATION:
; APPLICANT: Christensen, Tove
; TITLE OF INVENTION: A Transcription Factor
; FILE REFERENCE: 4484.204-US
; CURRENT APPLICATION NUMBER: US/09/920,581
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 09/197,814
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: PCT/DK97/00305
; PRIOR FILING DATE: 1997-07-07
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
```



```
; FEATURE:
; OTHER INFORMATION: Primer
US-09-920-581-9

Query Match      0.4%; Score 15.8; DB 1; Length 41;
Best Local Similarity 65.7%; Pred. No. 1.e+03;
Matches 23; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3300 TTCTATAGGATTTCTCTTAGGAGATTTATTTT 3334
    |||||
Db 1 TTTTGAAGCTTTTTTTTTTTTTTTTTTTTTTTT 35

RESULT 305
US-09-244-794A-12/c
; Sequence 12, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-794A-12

Query Match      0.4%; Score 15.8; DB 1; Length 42;
Best Local Similarity 74.1%; Pred. No. 1.e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTTGCTTTCCTTTTCAG 3288
    |||||
Db 37 TTTTTCCTTTTTCCTTTTCAG 11

RESULT 306
US-09-244-794A-13/c
; Sequence 13, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
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```
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-794A-13

Query Match      0.4%; Score 15.8; DB 1; Length 42;
Best Local Similarity 74.1%; Pred. No. 1.e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTTGCTTTCCTTTTCAG 3288
    |||||
Db 37 TTTTTCCTTTTTCCTTTTCAG 11

RESULT 307
US-09-247-190-12/c
; Sequence 12, Application US/09247190
; Patent No. 6261804
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/247,190
; CURRENT FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-247-190-12

Query Match      0.4%; Score 15.8; DB 1; Length 42;
Best Local Similarity 74.1%; Pred. No. 1.e+03;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTTGCTTTCCTTTTCAG 3288
    |||||
Db 37 TTTTTCCTTTTTCCTTTTCAG 11

RESULT 308
US-09-238-710-12/c
; Sequence 12, Application US/09238710A
; Patent No. 6518018
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350004
; CURRENT APPLICATION NUMBER: US/09/238,710A
; CURRENT FILING DATE: 1999-01-28
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
```

; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 12  
; LENGTH: 42  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Translation template  
US-09-238-710-12

Query Match 0.4%; Score 15.8; DB 1; Length 42;  
Best Local Similarity 74.1%; Pred. No. 1.1e+03;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTATTGCTTGTGCTTTTCAG 3288  
Db 37 TTTTITTTTTTTTTTTTTTTTTCAG 11

RESULT 309  
US-09-045-054-15  
; Sequence 15, Application US/09045054  
; Patent No. 6200754  
; GENERAL INFORMATION:  
; APPLICANT: HOUSMAN, DAVID E.  
; APPLICANT: LEDLEY, FRED D.  
; APPLICANT: STANTON, VINCENT P., JR.  
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING  
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL  
; FILE REFERENCE: 233/055  
; CURRENT APPLICATION NUMBER: US/09/045,054  
; CURRENT FILING DATE: 1998-03-19  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 15  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: DNA excision repair protein ERCC5  
; FEATURE:  
; OTHER INFORMATION: The letter "s" stands for g or c.  
US-09-045-054-15

Query Match 0.4%; Score 15.6; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1294 GTGAAGATGCTGAAAG 1309  
Db 6 GTGAASATGCTGAAG 21

RESULT 310  
US-09-657-472-88  
; Sequence 88, Application US/09657472  
; Patent No. 6727063  
; GENERAL INFORMATION:  
; APPLICANT: Lander, Eric S.  
; APPLICANT: Cargill, Michele  
; APPLICANT: Ireland, James S.  
; APPLICANT: Bolk, Stacey  
; APPLICANT: Daley, George Q.  
; APPLICANT: McCarthy, Jeanette J.  
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES  
; FILE REFERENCE: 2825.1027-001  
; CURRENT APPLICATION NUMBER: US/09/657,472  
; CURRENT FILING DATE: 2000-09-07  
; PRIOR APPLICATION NUMBER: US 60/153,357  
; PRIOR FILING DATE: 1999-09-10  
; PRIOR APPLICATION NUMBER: US 60/220,947  
; PRIOR FILING DATE: 2000-07-26

; PRIOR APPLICATION NUMBER: US 60/225,724  
; PRIOR FILING DATE: 2000-08-16  
; NUMBER OF SEQ ID NOS: 2551  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 88  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-657-472-88

Query Match 0.4%; Score 15.6; DB 1; Length 21;  
Best Local Similarity 93.8%; Pred. No. 5.3e+02;  
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1294 GTGAAGATGCTGAAAG 1309  
Db 6 GTGAASATGCTGAAG 21

RESULT 311  
US-08-179-738-12/c  
; Sequence 12, Application US/08179738  
; Patent No. 5578462  
; GENERAL INFORMATION:  
; APPLICANT: Seizinger, Bernd R.  
; APPLICANT: Kley, Nikolai A.  
; APPLICANT: Bianchi, Albert B.  
; TITLE OF INVENTION: No. 5578462el NF2 Isoforms  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Reed & Robins  
; STREET: 635 Bryant Street  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: U.S.A  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/179,738  
; FILING DATE: 10-JAN-1994  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Robins, Roberta L.  
; REGISTRATION NUMBER: 33,208  
; REFERENCE/DOCKET NUMBER: 5998-0017  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 617-8999  
; TELEFAX: (415) 327-3231  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-179-738-12

Query Match 0.4%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 5.6e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 850 GCGAGGAGGAGCTGTGGAGG 871  
Db 22 GCTGAAGAGGAGCTGTTCAGG 1

RESULT 312  
US-08-217-529-6  
; Sequence 6, Application US/08217529

; Patent No. 5597899  
; GENERAL INFORMATION:  
; APPLICANT: Banner, David  
; APPLICANT: Letschauer, Werner  
; APPLICANT: Letschauer, Hanserudi  
; APPLICANT: Stuber, Dietrich  
; TITLE OF INVENTION: Tumor Necrosis Factor Muteins  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: George M. Gould, Esq., Hoffmann-La Roche Inc.  
; STREET: 340 Kingsland Street  
; CITY: Nutley  
; STATE: New Jersey  
; COUNTRY: U.S.  
; ZIP: 07110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/217,529  
; FILING DATE: 24-MAR-1994  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 93810224.1  
; FILING DATE: 29-MAR-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Roseman, Catherine R  
; REGISTRATION NUMBER: 34240  
; REFERENCE/DOCKET NUMBER: 4105/155  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (201) 235-6208  
; TELEFAX: (201) 235-3500  
; INFORMATION FOR SEQ ID NO: 6:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: primer 29/MR2  
; US-08-217-529-6

Query Match 0.4%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 5.6e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3633 GAGTCTGGGCGAGCTGTCCTTG 3654  
DB 1 GAGTCTGGGCGAGCTGTCCTTG 22

RESULT 313  
US-08-480-884-7/c  
; Sequence 7, Application US/08480884  
; Patent No. 5824475  
; GENERAL INFORMATION:  
; APPLICANT: No. 5824475man C. Nelson and  
; APPLICANT: Daniel L. Kacian  
; TITLE OF INVENTION: OLIGONUCLEOTIDE  
; TITLE OF INVENTION: SCREENING ASSAY  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 611 West Sixth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90017

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
; SOFTWARE: WordPerfect (Version 5.1)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/480,884  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/094,577  
; FILING DATE: July 19, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Olson, Douglas E.  
; REGISTRATION NUMBER: 22,798  
; REFERENCE/DOCKET NUMBER: 202/114  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-480-884-7

Query Match 0.4%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 5.6e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1803 CGTCTGGTCTTGGGGTCTG 1824  
DB 22 CTTCGAGTCTTGGGACCTG 1

RESULT 314  
US-08-628-145-12/c  
; Sequence 12, Application US/08628145  
; Patent No. 5872214  
; GENERAL INFORMATION:  
; APPLICANT: Seizinger, Bernd R.  
; APPLICANT: Kley, Nikolai A.  
; APPLICANT: Bianchi, Albert B.  
; TITLE OF INVENTION: No. 5872214el NF2 Isoforms  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Reed & Robins  
; STREET: 635 Bryant Street  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: U.S.A  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/628,145  
; FILING DATE: 04-APR-1996  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/179,738  
; FILING DATE: 10-JAN-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Robins, Roberta L.  
; REGISTRATION NUMBER: 33,208  
; REFERENCE/DOCKET NUMBER: 5998-0017  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 617-8999  
; TELEFAX: (415) 327-3231

```
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-628-145-12

Query Match          0.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      850 GCGGAGGAGGAGCTGTGGAGG 871
Db      22 GCTGAAGAGGAGCTGGTTCAGG 1

RESULT 315
PCT-US94-08024-7/c
; Sequence 7, Application PC/TUS9408024
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: OLIGONUCLEOTIDE SCREENING
; TITLE OF INVENTION: ASSAY
; NUMBER OF SEQUENCES: 10
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect (5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/08024
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/094,577
; FILING DATE: 19-JUL-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
PCT-US94-08024-7

Query Match          0.4%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 5.6e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1803 CGTCGTGCTCTTGGGTCCTG 1824
Db      22 CTTGAGTCTCTTGGGACCTG 1

RESULT 316
US-08-782-047-24
; Sequence 24, Application US/08782047
; Patent No. 5795726
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: Therapeutic Compositions and Methods and
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
Diagnostic Assa

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/782,047
; FILING DATE: January 10, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/760,246
; FILING DATE: December 4, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/749,431
; FILING DATE: NO. 5795726member 15, 1996
; APPLICATION DATA:
; APPLICATION NUMBER: 08/748,229
; FILING DATE: NO. 5795726member 12, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIQ-011CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)227-5941
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-782-047-24

Query Match          0.4%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      54 GCTGCAGGTGCTGAATG 70
Db      1 GCTGCAGGTGCTGGATG 17

RESULT 317
US-08-749-431A-21
; Sequence 21, Application US/08749431A
; Patent No. 5800998
; GENERAL INFORMATION:
; APPLICANT: Glucksmann, M. Alexandra
; TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS;
; TITLE OF INVENTION: AND DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP
; STREET: One Post Office Square
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2170
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/749,431A
; FILING DATE: 15-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Arnold, Beth E.
; REGISTRATION NUMBER: 35,430
; REFERENCE/DOCKET NUMBER: MIA-011.02
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-832-1000
```

TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-749-431A-21

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 54 GCTGCAGGTGCTGAATG 70  
|||||  
DB 1 GCTGCAGGTGCTGAATG 17

RESULT 318  
US-08-924-870A-24  
Sequence 24, Application US/08924870A  
Patent No. 6143491  
GENERAL INFORMATION:  
APPLICANT: G1 cksmann, M. Alexandra  
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS AND METHODS AND  
TITLE OF INVENTION: DIAGNOSTIC ASSAYS FOR TYPE II DIABETES INVOLVING HNF-1  
NUMBER OF SEQUENCES: 28  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/924,870A  
FILING DATE: 05-SEP-1997  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/782,047  
FILING DATE: 10-JAN-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Arnold, Beth E.  
REGISTRATION NUMBER: 35,430  
REFERENCE/DOCKET NUMBER: MIA-011.27.2  
TELEPHONE: 617-832-1294  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-924-870A-24

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 54 GCTGCAGGTGCTGAATG 70  
|||||  
DB 1 GCTGCAGGTGCTGAATG 17

RESULT 319  
US-08-584-040-4210  
Sequence 4210, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4210:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4210

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.1e+02;  
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGGGA 1625  
|||||  
DB 1 AAGUGUAUCCACAGGGA 17

RESULT 320  
US-08-584-040-4242  
Sequence 4242, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 4242:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-4242

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 4.1e+02;  
Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1798 AGTGACGCTGTCGCTT 1814  
||:||||:||||:|  
Db 1 AGUGAGGUCUGUGUUU 17

RESULT 321  
US-08-584-040-5784  
; Sequence 5784, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TREATMENT OF DISEASES OR  
; CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; COUNTRY: U.S.A.

; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 5784:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-5784

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.1e+02;  
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGGA 1625  
||:||||:||||:|  
Db 1 AAGUGUAGCCACAGGA 17

RESULT 322  
US-09-474-432B-772  
; Sequence 772, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MBH00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 772  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
; US-09-474-432B-772

Query Match 0.4%; Score 15.4; DB 1; Length 17;

Best Local Similarity 76.5%; Pred. No. 4.1e+02;  
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1678 GACTTGGGCTGGCCCG 1694  
|||:|||||:|||||  
Db 1 GACUUGGGGCGGUCUG 17

RESULT 323  
US-09-371-772B-1977  
; Sequence 1977, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 1977  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1977

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.1e+02;  
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGATCCACAGGGA 1625  
|||:|||||:|||||  
Db 1 AAGUGUAUCCACAGGGA 17

RESULT 324  
US-09-371-772B-2009  
; Sequence 2009, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 2009  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-2009

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 4.1e+02;

Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 1798 AGTGACGTCTGGTCCTT 1814  
||:|||||:|||||:|  
Db 1 AGUGACGUCGGUCUUU 17

RESULT 325  
US-09-371-772B-6729  
; Sequence 6729, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 6729  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6729

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.1e+02;  
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1610 AGTGATCCACAGGGAC 1626  
||:|||||:|||||  
Db 1 AGUGUAUCCACAGGGAC 17

RESULT 326  
US-09-371-772B-6730  
; Sequence 6730, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 6730  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6730

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 4.1e+02;  
Matches 14; Conservative 2; Mismatches 1; Indels 0; Gaps 0;





Query Match 0.4%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 4.8e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2975 AGAGGACCGGCTTTT 2991  
DB 2 AGATGACCGGCTTTT 18

RESULT 334  
US-08-256-426B-21  
; Sequence 21, Application US/08256426B  
; Patent No. 5948611  
; GENERAL INFORMATION:  
; APPLICANT: Prockop, Darwin J.  
; APPLICANT: Ala-Kokko, Leena  
; APPLICANT: Williams, Charlene J.  
; APPLICANT: Ritvaniemi, Pertti  
; APPLICANT: Baldwin, Clinton  
; APPLICANT: Hopkinson, Ian  
; APPLICANT: Ahmad, Nilofar Nina  
; TITLE OF INVENTION: Methods of Detecting A Genetic  
; NUMBER OF SEQUENCES: 293  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: Windows 3.1  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/256,426B  
; FILING DATE: 03-FEB-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/10964  
; FILING DATE: 12-NOV-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/977,284  
; FILING DATE: 13-NOV-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mark Deluca  
; REGISTRATION NUMBER: 33,229  
; REFERENCE/DOCKET NUMBER: TJU-1082  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: LINEAR  
; ANTI-SENSE: NO  
US-08-256-426B-21

Query Match 0.4%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 4.8e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2975 AGAGGACCGGCTTTT 2991  
DB 2 AGATGACCGGCTTTT 18

RESULT 335  
US-09-555-889A-5/c

; Sequence 5, Application US/09555889A  
; Patent No. 6429299  
; GENERAL INFORMATION:  
; APPLICANT: Bowler, Chris  
; Mustilli, Anna Chiara  
; TITLE OF INVENTION: Nucleotide sequence encoding the tomato light  
; hypersensitive phenotype, coded proteins and uses thereof  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Robert J. Jondle  
; STREET: 555 13th Street NW, Suite 701-E  
; CITY: Washington  
; STATE: District of Columbia  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/555,889A  
; FILING DATE: 09-Apr-2001  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-555-889A-5

Query Match 0.4%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 4.8e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1291 GCCGTGAAGATGCTGAA 1307  
DB 19 GCCGTGAAGATGCTGAA 3

RESULT 336  
US-09-780-045-110  
; Sequence 110, Application US/09780045  
; Patent No. 6602713  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B  
; FILE REFERENCE: RTS-0130  
; CURRENT APPLICATION NUMBER: US/09/780,045  
; CURRENT FILING DATE: 2001-02-09  
; NUMBER OF SEQ ID NOS: 135  
; SEQ ID NO 110  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-045-110

Query Match 0.4%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 5.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3465 TATATATCTATATATAT 3481  
DB 1 TATATATCTATATATAT 17

RESULT 337  
US-08-849-021-73/c

; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-554-726A-28

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1747 GTGAAGTGGATGGCC 1763  
|||||  
Db 17 GTGAAGTGGATGGACC 1

## RESULT 331

US-09-866-108A-7996  
; Sequence 7996, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Aeonica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7996  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7996

Query Match 0.4%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 4.1e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1992 CACCTTCAGCAGCTGG 2008  
|||||  
Db 1 CACCATCAGCAGCTGG 17

## RESULT 332

US-09-475-947A-104/c  
; Sequence 104, Application US/09475947A  
; Patent No. 6472154  
; GENERAL INFORMATION:

; APPLICANT: Garner, Harold R.  
; APPLICANT: Wren, Jonathan D.  
; APPLICANT: Minna, John D.  
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
; FILE REFERENCE: UTSD0667  
; CURRENT APPLICATION NUMBER: US/09/475,947A  
; CURRENT FILING DATE: 1999-12-31  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 104  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: human  
US-09-475-947A-104

Query Match 0.4%; Score 15.4; DB 1; Length 18;  
Best Local Similarity 94.1%; Pred. No. 4.5e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATA 2840  
|||||  
Db 18 ATATATATATATATA 2

## RESULT 333

US-07-977-284A-21  
; Sequence 21, Application US/07977284A  
; Patent No. 5558988  
; GENERAL INFORMATION:  
; APPLICANT: Prockop, Darwin J.  
; APPLICANT: Ala-Kokko, Leena  
; APPLICANT: Williams, Charlene J.  
; APPLICANT: Ritvaniemi, Pertti  
; APPLICANT: Baldwin, Clinton  
; APPLICANT: Hopkinson, Ian  
; APPLICANT: Ahmad, Nilofer Nina  
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC  
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS  
; NUMBER OF SEQUENCES: 261  
; CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris  
STREET: One Liberty Place, 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/977,284A  
FILING DATE: 13-NOV-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: TJU-0697  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
ANTI-SENSE: NO  
US-07-977-284A-21

; Sequence 73, Application US/08849021  
; Patent No. 5955276  
; GENERAL INFORMATION:  
; APPLICANT: MORGANTE, MICHELE  
; APPLICANT: VOGEL, JULIE M.  
; TITLE OF INVENTION: COMPOUND MICROSATELLITE  
; TITLE OF INVENTION: PRIMERS FOR THE  
; TITLE OF INVENTION: DETECTION OF GENETIC  
; TITLE OF INVENTION: POLYMORPHISMS  
; NUMBER OF SEQUENCES: 89  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
; ADDRESSEE: COMPANY  
; STREET: 1007 MARKET STREET  
; CITY: WILMINGTON  
; STATE: DELAWARE  
; COUNTRY: U.S.A.  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,021  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/346,456  
; FILING DATE: 28 NOVEMBER 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FLOYD, LINDA AXAMETHY  
; REGISTRATION NUMBER: 33,692  
; REFERENCE/DOCKET NUMBER: BB-1064-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 302-892-8112  
; TELEFAX: 302-992-7949  
; INFORMATION FOR SEQ ID NO: 73:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; US-08-849-021-73

Query Match 0.4%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 5.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGT 2332  
| | | | | | | | | | | | | | | | | | | | | |  
Db 17 TATGTGTGTGTGTGT 1

RESULT 338  
US-08-368-704C-89/C  
; Sequence 89, Application US/08368704C  
; Patent No. 6087160  
; GENERAL INFORMATION:  
; APPLICANT: Yuan, Junying  
; APPLICANT: Miura, Masayuki  
; TITLE OF INVENTION: Programmed Cell Death Genes and Proteins  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
; STREET: 1100 New York Avenue, Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/368,704C  
; FILING DATE: 4-JAN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/258,287  
; FILING DATE: 10-JUN-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/080,850  
; FILING DATE: 24-JUN-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bugaisky, Lawrence B.  
; REGISTRATION NUMBER: 35,086  
; REFERENCE/DOCKET NUMBER: 0609.3920002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; TELEX: 248636 SSK  
; INFORMATION FOR SEQ ID NO: 89:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: both  
; US-08-368-704C-89

Query Match 0.4%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 5.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAGATGA 1369  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GGAGTTGATGAAGATGA 4

RESULT 339  
US-09-716-161A-34/c  
; Sequence 34, Application US/09716161A  
; Patent No. 6355482  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN BETA 4 BINDING PROTEIN EXPRESSION  
; FILE REFERENCE: RTS-0176  
; CURRENT APPLICATION NUMBER: US/09/716,161A  
; CURRENT FILING DATE: 2000-11-07  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 34  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-716-161A-34

Query Match 0.4%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 5.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 721 ACCACCGACAGGAGCT 737  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 ACCACCGACAGGAGCT 4

RESULT 340  
US-09-101-997-4/c  
; Sequence 4, Application US/09101997  
; Patent No. 6406890  
; GENERAL INFORMATION:

APPLICANT: Mueller, Manfred W.  
; TITLE OF INVENTION: Process for the Amplification of Nucleic  
; FILE REFERENCE: GRUE-002  
; CURRENT APPLICATION NUMBER: US/09/101,997  
; CURRENT FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: PCT/EP97/00160  
; PRIOR FILING DATE: 1997-01-15  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-101-997-4

Query Match 0.4%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 5.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2835 TATATATATAACATATA 2851  
Db 19 TTTATATATAACATATA 3

## RESULT 341

US-09-101-997-8/c  
; Sequence 8, Application US/09101997  
; Patent No. 6406890  
; GENERAL INFORMATION:  
; APPLICANT: Mueller, Manfred W.  
; TITLE OF INVENTION: Acid  
; FILE REFERENCE: GRUE-002  
; CURRENT APPLICATION NUMBER: US/09/101,997  
; CURRENT FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: PCT/EP97/00160  
; PRIOR FILING DATE: 1997-01-15  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: n=t, a, g or c  
; OTHER INFORMATION: reaction substrate  
US-09-101-997-8

Query Match 0.4%; Score 15.4; DB 1; Length 20;  
Best Local Similarity 94.1%; Pred. No. 5.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2835 TATATATATAACATATA 2851  
Db 19 TTTATATATAACATATA 3

## RESULT 342

US-09-423-890-28  
; Sequence 28, Application US/09423890  
; Patent No. 6312934  
; GENERAL INFORMATION:  
; APPLICANT: CADUS PHARMACEUTICAL CORPORATION  
; TITLE OF INVENTION: HUMAN MEKK PROTEIN AND NUCLEIC ACID MOLECULES  
; FILE REFERENCE: CPI-08SCPPC  
; CURRENT APPLICATION NUMBER: US/09/423,890  
; CURRENT FILING DATE: 2000-03-06

PRIOR APPLICATION NUMBER: USSN 60/078,153  
; PRIOR FILING DATE: 1998-03-16  
; PRIOR APPLICATION NUMBER: USSN 60/099,165  
; PRIOR FILING DATE: 1998-09-04  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 28  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic construct  
US-09-423-890-28

Query Match 0.4%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 5.6e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2001 GCAGCTGGTGGAGGACC 2017  
Db 1 GCAGCTGGTGGAGGACC 17

## RESULT 343

US-08-173-489C-20  
; Sequence 20, Application US/08173489C  
; Patent No. 5861244  
; GENERAL INFORMATION:  
; APPLICANT: WANG, C. -G.  
; APPLICANT: HEPBURN, A. G.  
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA  
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.  
; NUMBER OF SEQUENCES: 365  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,  
; STREET: 510 EAST 73RD STREET,  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10021.  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage  
; COMPUTER: IBM PC/XT/AT  
; OPERATING SYSTEM: MS-DOS version 6.2  
; SOFTWARE: Wordperfect Version 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/173,489C  
; FILING DATE: 22 DEC 1993  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/968,436  
; FILING DATE: 29 OCT 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Handelman, Joseph H.  
; REGISTRATION NUMBER: 26,179  
; REFERENCE/DOCKET NUMBER: U9518-6  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (attorney) (212) 708-1880  
; TELEFAX: (attorney) (212) 246-8959  
; INFORMATION FOR SEQ ID NO: 20:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 35 bases  
; TYPE: Nucleic Acid  
; STRANDEDNESS: single stranded  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: third strand derived from n-myc  
; DESCRIPTION: sequence region in Seq ID No. 586124419  
; HYPOTHETICAL: Yes  
; ANTI-SENSE: No  
; PUBLICATION INFORMATION:  
; RELEVANT RESIDUES IN SEQ ID NO: 20 :FROM 1 TO 35  
US-08-173-489C-20



US-09-496-694B-235

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3458 AAGTTTATATATATATATATATAT 3477  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 AAGTTTATATATATATATATATGT 1

RESULT 347

US-07-991-867B-15/c  
Sequence 15, Application US/07991867B  
Patent No. 5476781  
GENERAL INFORMATION:  
APPLICANT: Moyer, Richard W.  
APPLICANT: Hall, Richard L.  
TITLE OF INVENTION: Hall, Michael E.  
TITLE OF INVENTION: Gruidl, Michael E.  
NUMBER OF SEQUENCES: 66  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David R. Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/991,867B  
FILING DATE: 12-DEC-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO 92/14818  
FILING DATE: 12-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/827,685  
FILING DATE: 30-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/657,584  
FILING DATE: 19-FEB-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
REFERENCE/DOCKET NUMBER: UF114.C3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 904-375-8100  
TELEFAX: 904-372-5800  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)

US-07-991-867B-15  
Sequence 15, Application US/07991867B  
Patent No. 5476781  
GENERAL INFORMATION:  
APPLICANT: Moyer, Richard W.  
APPLICANT: Hall, Richard L.  
TITLE OF INVENTION: Hall, Michael E.  
TITLE OF INVENTION: Gruidl, Michael E.  
NUMBER OF SEQUENCES: 66  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David R. Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/991,867B  
FILING DATE: 12-DEC-1992  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO 92/14818  
FILING DATE: 12-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/827,685  
FILING DATE: 30-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/657,584  
FILING DATE: 19-FEB-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
REFERENCE/DOCKET NUMBER: UF114.C3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 904-375-8100  
TELEFAX: 904-372-5800  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3715 GAGGTGTACCCAAACCGGC 3734  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GAGGTGTACCCAAACCGGC 1

RESULT 348

US-08-033-081B-14  
Sequence 14, Application US/08033081B  
Patent No. 5498521  
GENERAL INFORMATION:  
APPLICANT: Dryja, Thaddeus P.  
APPLICANT: Berson, Elliot L.  
TITLE OF INVENTION: DIAGNOSIS OF HEREDITARY RETINAL  
TITLE OF INVENTION: DEGENERATIVE DISEASES  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/033,081B  
FILING DATE: March 11, 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/825,296  
FILING DATE: January 23, 1992  
APPLICATION NUMBER: 07/469,215  
FILING DATE: January 24, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00246/069005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-033-081B-14

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 319 CCCACTCCCTCCATCTCCTG 338  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 CCCTATCCCTCCCTCCTG 20

RESULT 349

US-08-118-534A-6/c  
Sequence 6, Application US/08118534A  
Patent No. 5501963  
GENERAL INFORMATION:  
APPLICANT: burckhardt, jean  
TITLE OF INVENTION: Amplification and Detection of Nucleic  
TITLE OF INVENTION: Acids in Blood Samples  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07110  
COMPUTER READABLE FORM: Floppy disk  
MEDIUM TYPE: IBM PC compatible

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3715 GAGGTGTACCCAAACCGGC 3734  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GAGGTGTACCCAAACCGGC 1

RESULT 348

US-08-033-081B-14  
Sequence 14, Application US/08033081B  
Patent No. 5498521  
GENERAL INFORMATION:  
APPLICANT: Dryja, Thaddeus P.  
APPLICANT: Berson, Elliot L.  
TITLE OF INVENTION: DIAGNOSIS OF HEREDITARY RETINAL  
TITLE OF INVENTION: DEGENERATIVE DISEASES  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/033,081B  
FILING DATE: March 11, 1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/825,296  
FILING DATE: January 23, 1992  
APPLICATION NUMBER: 07/469,215  
FILING DATE: January 24, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00246/069005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-033-081B-14

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/118,534A  
FILING DATE: 08-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: CH 2875/92  
FILING DATE: 11-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rocha, Patricia S.  
REGISTRATION NUMBER: 31054  
REFERENCE/DOCKET NUMBER: 4095/093  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (201) 235-2441  
TELEFAX: (201) 235-3500  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: N-terminal  
US-08-118-534A-6

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 925 TTCTCTTTCATCTCTGGT 944  
Db 20 TTCTCTTTCATCTCTGCT 1

RESULT 350  
US-08-107-755A-15/c  
Sequence 15, Application US/08107755A  
Patent No. 5721352  
GENERAL INFORMATION:  
APPLICANT: Moyer, Richard W.  
APPLICANT: Hall, Richard L.  
APPLICANT: Gruidl, Michael E.  
TITLE OF INVENTION: No. 5721352el Entomopoxvirus Expression System  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: David R. Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: Florida  
COUNTRY: U.S.A.  
ZIP: 32606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/107,755A  
FILING DATE: 19-AUG-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/827,658  
FILING DATE: 30-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/657,584  
FILING DATE: 19-FEB-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
REFERENCE/DOCKET NUMBER: UF114.C2

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (904) 375-8100  
TELEFAX: (904) 372-5800  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-107-755A-15

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3715 GAGGTGTCACCCAAACGGC 3734  
Db 20 GAGGTGTTACCCCAACGAGC 1

RESULT 351  
US-08-913-050A-3  
Sequence 3, Application US/08913050A  
Patent No. 5827726  
GENERAL INFORMATION:  
APPLICANT: NEZU, Jun-ichi  
TITLE OF INVENTION: DNA ENCODING PROTEIN KINASE  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.  
STREET: 419 7th Street N.W., Suite 300  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/913,050A  
FILING DATE: 05-SEP-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 57104/1995  
FILING DATE: 16-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP PCT/JP96/00660  
FILING DATE: 15-MAR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: YUN, Allen C.  
REGISTRATION NUMBER: 37,971  
REFERENCE/DOCKET NUMBER: NEZU-4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 628-5197  
TELEFAX: (202) 737-3528  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-913-050A-3

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 70.0%; Pred. No. 5.6e+02;  
Matches 14; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 1288 GTAGCCGTGAAGATGCTGAA 1307  
Db 1 GTGCGGTGAARATGYTAA 20

RESULT 352  
US-08-313-185-40  
; Sequence 40, Application US/08313185  
; Patent No. 5851763  
; GENERAL INFORMATION:  
; APPLICANT: Heym, Beate  
; APPLICANT: Cole, Stewart  
; APPLICANT: Young, Douglas  
; APPLICANT: Zhang, Ying  
; APPLICANT: Honore, Nadine  
; APPLICANT: Telenti, Amalio  
; APPLICANT: Bodmer, Thomas  
; TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance  
; TITLE OF INVENTION: in Mycobacterium Tuberculosis  
; NUMBER OF SEQUENCES: 66  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; STREET: 1300 I Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/313,185  
; FILING DATE: 12-OCT-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meyers, Kenneth J.  
; REGISTRATION NUMBER: 25,146  
; REFERENCE/DOCKET NUMBER: 02356.0068-00000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 408-4000  
; TELEFAX: (202) 408-4400  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-313-185-40  
Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1990 CCCACCTTCAAGCAGCTGGT 2009  
Db 1 CCCACCATTCAGCAGCTGGT 20  
RESULT 353  
US-08-544-332-15/c  
; Sequence 15, Application US/08544332  
; Patent No. 5935777  
; GENERAL INFORMATION:  
; APPLICANT: Moyer, Richard W.  
; APPLICANT: Hall, Richard L.  
; APPLICANT: Guindl, Michael E.  
; TITLE OF INVENTION: No. 5935777el Entomopoxvirus Expression System  
; NUMBER OF SEQUENCES: 77  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Gerard H. Bencen  
; STREET: 2421 N.W. 41st Street, Suite A-1  
; CITY: Gainesville

STATE: FL  
COUNTRY: USA  
ZIP: 32606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/544,332  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/991,867  
FILING DATE: 07-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/107,755  
FILING DATE: 19-AUG-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO 92/14818  
FILING DATE: 12-FEB-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/827,685  
FILING DATE: 30-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/657,584  
FILING DATE: 19-FEB-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Bencen, Gerard H.  
REGISTRATION NUMBER: 35,746  
REFERENCE/DOCKET NUMBER: UFI14.C4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 904-375-8100  
TELEFAX: 904-372-5800  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)  
US-08-544-332-15  
Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3715 GAGGTGTACCCCAACCGGC 3734  
Db 20 GAGGTGTACCCCAACCGGC 1  
RESULT 354  
US-08-987-326-27  
; Sequence 27, Application US/08987326  
; Patent No. 6057105  
; GENERAL INFORMATION:  
; APPLICANT: NGI/Cancer Tech Company, LLC  
; TITLE OF INVENTION: Detection of Melanoma or Breast Metastasis with a  
; TITLE OF INVENTION: Multiple Marker Assay  
; FILE REFERENCE: NGI 20823-701 CIP  
; CURRENT APPLICATION NUMBER: US/08/987,326  
; CURRENT FILING DATE: 1997-12-09  
; EARLIER APPLICATION NUMBER: 08/406,307  
; EARLIER FILING DATE: 1995-03-17  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 27  
; TYPE: DNA  
; LENGTH: 20  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer



```
; OTHER INFORMATION: sequence
US-08-987-326-27

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1809 GTCCTTTGGGCTCTCTCT 1828
Db 1 GTCCTTTGGGCTCTCTCT 20

RESULT 355
US-09-359-757-27
; Sequence 27, Application US/09359757
; Patent No. 6080546
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEKKS EXPRESSION
; FILE REFERENCE: RTS-0078
; CURRENT APPLICATION NUMBER: US/09/359,757
; CURRENT FILING DATE: 1999-07-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-359-757-27

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3401 ACGTTTCCAGGAGGGGCC 3420
Db 1 ACGTTTCCAGGAGGGGCC 20

RESULT 356
US-09-082-614A-40
; Sequence 40, Application US/09082614A
; Patent No. 6124098
; GENERAL INFORMATION:
; APPLICANT: Heym, Beate
; APPLICANT: Cole, Stewart
; APPLICANT: Young, Douglas
; APPLICANT: Zhang, Ying
; APPLICANT: Honore, Nadine
; APPLICANT: Telenti, Amalio
; APPLICANT: Bodmer, Thomas
; TITLE OF INVENTION: Rapid Detection of Antibiotic Resistance
; FILE REFERENCE: in Mycobacterium Tuberculosis
; NUMBER OF SEQUENCES: 66
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/082,614A
; FILING DATE:

; OTHER INFORMATION: sequence
US-08-987-326-27

CLASSIFICATION:
; PRIOR APPLICATION DATA: US 08/313,185
; FILING DATE: 12-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0068-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 408-4400
; TELEFAX: (202) 408-4400
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-082-614A-40

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1990 CCCACCTTCAGCAGCTGCT 2009
Db 1 CCCACCTTCAGCAGCTGCT 20

RESULT 357
US-09-286-904-22/c
; Sequence 22, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-22

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTGTGTGTGT 2340
Db 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 358
US-09-433-694-34
; Sequence 34, Application US/09433694
; Patent No. 6165790
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Donna T. Ward
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE P55 GAMMA EXPRESSION
; FILE REFERENCE: RTS-0098
; CURRENT APPLICATION NUMBER: US/09/433,694
```

; CURRENT FILING DATE: 1999-11-03  
 ; NUMBER OF SEQ ID NOS: 89  
 ; SEQ ID NO 34  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-433-694-34

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3200 AGCTGGAGGATCCCTCCAA 3219  
 |||||  
 Db 1 AGCTGGAGGATCCATTCAA 20

RESULT 359  
 US-09-280-805-147/c  
 ; Sequence 147, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 3200:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 US-09-280-805-147

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1346 CTGAGTGGAGATGATCAAG 1365  
 |||||  
 Db 20 CTCAGATGAAGATGAGG 1

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1346 CTGAGTGGAGATGATCAAG 1365  
 |||||  
 Db 20 CTCAGATGAAGATGAGG 1

RESULT 360  
 US-09-280-805-209/c  
 ; Sequence 209, Application US/09280805  
 ; Patent No. 6184212  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
 ; APPLICANT: Graham, Brett P. Monia  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2  
 ; TITLE OF INVENTION: EXPRESSION  
 ; NUMBER OF SEQUENCES: 271  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Law Offices of Jane Massey Licata  
 ; STREET: 66 East Main Street  
 ; CITY: Marlton  
 ; STATE: NJ  
 ; COUNTRY: U.S.A.  
 ; ZIP: 08053  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
 ; COMPUTER: IBM PC  
 ; OPERATING SYSTEM: WINDOWS 95  
 ; SOFTWARE: WORDPERFECT 6.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/280,805  
 ; FILING DATE: herewith  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 09/048,810  
 ; FILING DATE: March 26, 1998  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Licata, Jane Massey  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0346  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 609-810-1515  
 ; TELEFAX: 609-810-1454  
 ; INFORMATION FOR SEQ ID NO: 209:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 US-09-280-805-209

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3462 TTATATATATCTATATATAT 3481  
 |||||  
 Db 20 TTATATATTTCTAATATAT 1

RESULT 361  
 US-09-488-671-89/c  
 ; Sequence 89, Application US/09488671A  
 ; Patent No. 6187545  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Robert McKay  
 ; APPLICANT: Madeline M. Butler  
 ; APPLICANT: Jacqueline Wyatt  
 ; APPLICANT: Lex M. Cowsett  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION  
 ; FILE REFERENCE: RTS-0123  
 ; CURRENT APPLICATION NUMBER: US/09/488,671A  
 ; CURRENT FILING DATE: 2000-01-21  
 ; NUMBER OF SEQ ID NOS: 177  
 ; SEQ ID NO 89  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3462 TTATATATATCTATATATAT 3481  
 |||||  
 Db 20 TTATATATTTCTAATATAT 1

RESULT 361  
 US-09-488-671-89/c  
 ; Sequence 89, Application US/09488671A  
 ; Patent No. 6187545  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Robert McKay  
 ; APPLICANT: Madeline M. Butler  
 ; APPLICANT: Jacqueline Wyatt  
 ; APPLICANT: Lex M. Cowsett  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION  
 ; FILE REFERENCE: RTS-0123  
 ; CURRENT APPLICATION NUMBER: US/09/488,671A  
 ; CURRENT FILING DATE: 2000-01-21  
 ; NUMBER OF SEQ ID NOS: 177  
 ; SEQ ID NO 89  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
 Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3462 TTATATATATCTATATATAT 3481  
 |||||  
 Db 20 TTATATATTTCTAATATAT 1

RESULT 361  
 US-09-488-671-89/c  
 ; Sequence 89, Application US/09488671A  
 ; Patent No. 6187545  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Robert McKay  
 ; APPLICANT: Madeline M. Butler  
 ; APPLICANT: Jacqueline Wyatt  
 ; APPLICANT: Lex M. Cowsett  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION  
 ; FILE REFERENCE: RTS-0123  
 ; CURRENT APPLICATION NUMBER: US/09/488,671A  
 ; CURRENT FILING DATE: 2000-01-21  
 ; NUMBER OF SEQ ID NOS: 177  
 ; SEQ ID NO 89  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:

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; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-89
Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2336 TGTGTGTGTGTGTGTGCACA 2355
DB 20 TGTGTGCATGTATGTGCACA 1

RESULT 362
US-09-593-711A-197/c
; Sequence 197, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-197

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1478 GGGCGCGCGCGCGCGCGGC 1497
DB 20 GGGCGCGCGCGCGCGCGGC 1

RESULT 363
US-08-530-862B-13/c
; Sequence 13, Application US/08530862B
; Patent No. 6291742
; GENERAL INFORMATION:
; APPLICANT: Chris Somerville
; APPLICANT: Pierre Broun
; APPLICANT: Frank van de Loo
; TITLE OF INVENTION: Production of Hydroxylated Fatty Acids in
; Genetically Modified Plants
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Winthrop, L.L.P.
; STREET: 1600 Tysons Boulevard
; CITY: McLean
; STATE: VA
; COUNTRY: USA
; ZIP: 22102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch
; COMPUTER: IBM PC-compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/530,862B
; FILING DATE: 06-Feb-1996
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/11855
; FILING DATE: September 25, 1995
; APPLICATION NUMBER: US 08/530,862
```

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; FILING DATE: September 20, 1995
; APPLICATION NUMBER: US 08/320,982
; FILING DATE: October 11, 1994
; APPLICATION NUMBER: US 08/314,596
; FILING DATE: September 26, 1994
; INFORMATION FOR SEQ ID NO: 13
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 nucleotides
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-08-530-862B-13

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2982 CAGGGCTTTTCTGGCACCG 3001
DB 20 CAAGGCGTTTCTGGTACCG 1

RESULT 364
US-08-597-313D-13/c
; Sequence 13, Application US/08597313D
; Patent No. 6310194
; GENERAL INFORMATION:
; APPLICANT: Chris Somerville
; APPLICANT: Pierre Broun
; APPLICANT: Frank van de Loo
; TITLE OF INVENTION: Production of Hydroxylated Fatty Acids in
; Genetically Modified Plants
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Madison & Sutro, LLP
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS-DOS/PC-DOS
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/597,313D
; FILING DATE: February 6, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/530,862
; FILING DATE: September 20, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/320,982
; FILING DATE: October 11, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/314,596
; FILING DATE: September 26, 1994
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 nucleotides
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-08-597-313D-13

Query Match          0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2982 CAGGGCTTTTCTGGCACCG 3001
```

```
Db      20  CAAGGCGTTTCTGGTACCG 1
|| ||| ||||| ||||| |||||
RESULT 365
US-09-716-161A-67/c
; Sequence 67, Application US/09716161A
; Patent No. 6355482
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN BETA 4 BINDING PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0176
; CURRENT APPLICATION NUMBER: US/09/716,161A
; CURRENT FILING DATE: 2000-11-07
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-716-161A-67
Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      2093 GTGGCCAGACACCCCCCAGC 2112
|| ||| ||||| ||||| |||||
Db      20  GTGGCCTGGACACAAACAGC 1
|| ||| ||||| ||||| |||||
RESULT 366
US-09-659-791A-39/c
; Sequence 39, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-39
Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      489 GCAGCGTACACGCTGACG 508
|| ||| ||||| ||||| |||||
Db      20  GCAGCGCACATGCTGGATG 1
|| ||| ||||| ||||| |||||
RESULT 367
US-09-798-096-38/c
; Sequence 38, Application US/09798096
; Patent No. 6399378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; SEQ ID NO 60
```

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; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-38
Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      1357 ATGATCAAGATGATCGGGAA 1376
|| ||| ||||| ||||| |||||
Db      20  ATGATGATGATGACTGGGAA 1
|| ||| ||||| ||||| |||||
RESULT 368
US-09-370-861A-15/c
; Sequence 15, Application US/09370861A
; Patent No. 6410221
; GENERAL INFORMATION:
; APPLICANT: Moyer, Richard W.
; APPLICANT: Hall, Richard L.
; APPLICANT: Gruidl, Michael E.
; TITLE OF INVENTION: No. 6410221el Entomopoxvirus Expression System
; FILE REFERENCE: UF114.C4.D1
; CURRENT APPLICATION NUMBER: US/09/370,861A
; CURRENT FILING DATE: 1999-08-09
; PRIOR APPLICATION NUMBER: US 07/991,867
; PRIOR FILING DATE: 1992-12-07
; PRIOR APPLICATION NUMBER: US 08/107,755
; PRIOR FILING DATE: 1993-08-19
; PRIOR APPLICATION NUMBER: WO 92/14818
; PRIOR FILING DATE: 1992-02-12
; PRIOR APPLICATION NUMBER: US 07/827,685
; PRIOR FILING DATE: 1992-01-30
; PRIOR APPLICATION NUMBER: US 07/657,584
; PRIOR FILING DATE: 1991-02-19
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide RM92.
US-09-370-861A-15
Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      3715 GAGGTGTACCCCAACCGGC 3734
|| ||| ||||| ||||| |||||
Db      20  GAGGTGTACCCCAACCGGC 1
|| ||| ||||| ||||| |||||
RESULT 369
US-09-676-610B-60/c
; Sequence 60, Application US/09676610B
; Patent No. 6444465
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: RTS-0138
; CURRENT APPLICATION NUMBER: US/09/676,610B
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 60
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-60

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1671 GATCGCAGACTTCGGCTGG 1690
Db 20 GATCACAGATTGGGCTGG 1

RESULT 370
US-09-640-101-22/c
; Sequence 22, Application US/09640101
; Patent No. 6448079
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/09/640,101
; CURRENT FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-640-101-22

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTCGCTGTGT 2340
Db 20 GTTAGTGTGTGTGCATGTGT 1

RESULT 371
US-09-725-265-23
; Sequence 23, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAWAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20

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; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-23

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3473 TATATATATATTTTATTTGAG 3492
Db 1 TATATATATATTTTGGG 20

RESULT 372
US-09-568-407-6
; Sequence 6, Application US/09568407
; Patent No. 6544768
; GENERAL INFORMATION:
; APPLICANT: Buck, Jochen
; APPLICANT: Levin, Lonny R
; TITLE OF INVENTION: Mammalian Soluble Adenylyl Cyclase
; FILE REFERENCE: 2650/IG008US2
; CURRENT APPLICATION NUMBER: US/09/568,407
; CURRENT FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/133,802
; PRIOR FILING DATE: 1999-05-11
; PRIOR APPLICATION NUMBER: 60/161,534
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:primer
US-09-568-407-6

Query Match      0.4%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1998 CAAGCAGCTGTGTGAGGACC 2017
Db 1 CGAGCAGCTGTGTGAGATCC 20

RESULT 373
US-09-060-299-75/c
; Sequence 75, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137e1 Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor

```

; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/060,299  
; FILING DATE: 15-APR-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; PRIOR APPLICATION DATA: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J.Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-35  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)816-4091  
; TELEFAX: (703)816-4100  
; INFORMATION FOR SEQ ID NO: 75:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-060-299-75

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 157 GCTCCATCTCTGGAGATGA 176  
Db 20 GCTGCATCTCTGGAGAAGA 1

RESULT 374  
US-09-402-923A-75/c  
; Sequence 75, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; Hess, John W  
; Caskey, Charles T  
; Cox, Roger D  
; Gerhold, David  
; Hammond, Holly  
; Hey, Patricia  
; Kawaguchi, Yoshihiko  
; Merriman, Tony R  
; Metzker, Michael L  
; TITLE OF INVENTION: No. 6555654e1 LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/402,923A

; FILING DATE: 14-Feb-2001  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB98/01102  
; FILING DATE: 15-APR-1998  
; APPLICATION NUMBER: US 60/043,553  
; FILING DATE: 15-APR-1997  
; APPLICATION NUMBER: US 60/048,740  
; FILING DATE: 05-JUN-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: B.J.Sadoff  
; REGISTRATION NUMBER: 36,663  
; REFERENCE/DOCKET NUMBER: 620-81  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703)816-4091  
; TELEFAX: (703)816-4100  
; INFORMATION FOR SEQ ID NO: 75:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 75:  
; US-09-402-923A-75

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 157 GCTCCATCTCTGGAGATGA 176  
Db 20 GCTGCATCTCTGGAGAAGA 1

RESULT 375  
US-10-139-842B-52  
; Sequence 52, Application US/10139842B  
; Patent No. 6620623  
; GENERAL INFORMATION:  
; APPLICANT: The University of Chicago  
; APPLICANT: Yershov, Gennadiy  
; APPLICANT: Yershov, Oleg  
; APPLICANT: Kukhtin, Alexander  
; TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY  
; FILE REFERENCE: ANL-IN-01-052  
; CURRENT APPLICATION NUMBER: US/10/139,842B  
; CURRENT FILING DATE: 2002-05-06  
; NUMBER OF SEQ ID NOS: 74  
; SOFTWARE: Patent in version 3.2  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Completely Synthesized  
; US-10-139-842B-52

Query Match 0.4%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 GATGGAGATGATGAAGATGA 1369  
Db 1 GATGATGATGATGATGA 20

RESULT 376  
US-10-139-842B-74  
; Sequence 74, Application US/10139842B  
; Patent No. 6620623  
; GENERAL INFORMATION:  
; APPLICANT: The University of Chicago  
; APPLICANT: Yershov, Gennadiy

RESULT 378  
US-09-953-318-72/c  
; Sequence 72, Application US/09953318  
; Patent No. 6710174  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODUL

```

RESULT 380
US-08-324-465-4/c
; Sequence 4, Application US/08324465
; Patent No. 5565334
; GENERAL INFORMATION:
; APPLICANT: Kufe, Donald
; APPLICANT: Abe, Miyako
; TITLE OF INVENTION: GENE TRANSCRIPTION AND
; TITLE OF INVENTION: IONIZING RADIATION: METHODS
; TITLE OF INVENTION: AND COMPOSITIONS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX

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/ OPERATING SYSTEM: MS-DOS (Version 5.0)
/ SOFTWARE: WordPerfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/324,465
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/07/999,742
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fraser, Janis K.
/ REGISTRATION NUMBER: 34,819
/ REFERENCE/DOCKET NUMBER: 00530/065001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 542-5070
/ TELEFAX: (617) 542-8906
/ TELEX: 200154
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ US-08-324-465-4

Query Match      0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3067 TCCACACCCCAACTTCC 3086
Db 21 TCCCTCCCCCACCCTTCC 2

RESULT 381
US-08-465-981-4/c
/ Sequence 4, Application US/08465981
/ Patent No. 5874415
/ GENERAL INFORMATION:
/ APPLICANT: Kufe, Donald
/ APPLICANT: Abe, Miyako
/ TITLE OF INVENTION: ENHANCER SEQUENCE FOR MODULATING
/ TITLE OF INVENTION: EXPRESSION IN EPITHELIAL CELLS
/ NUMBER OF SEQUENCES: 8
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Fish & Richardson P.C.
/ STREET: 225 Franklin Street
/ CITY: Boston
/ STATE: Massachusetts
/ COUNTRY: U.S.A.
/ ZIP: 02110-2804
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM PS/2 Model 50Z or 55SX
/ OPERATING SYSTEM: MS-DOS (Version 5.0)
/ SOFTWARE: WordPerfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/465,981
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/324,465
/ FILING DATE: October 17, 1994
/ APPLICATION NUMBER: 07/999,742
/ FILING DATE: December 31, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Fraser, Janis K.
/ REGISTRATION NUMBER: 34,819
/ REFERENCE/DOCKET NUMBER: 00530/065002
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 542-5070
/ TELEFAX: (617) 542-8906
/ TELEX: 200154
```

```
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ US-08-465-981-4

Query Match      0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3067 TCCACACCCCAACTTCC 3086
Db 21 TCCCTCCCCCACCCTTCC 2

RESULT 382
US-09-213-767-3/c
/ Sequence 3, Application US/09213767
/ Patent No. 5948680
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
/ FILE REFERENCE: RTS-0024
/ CURRENT APPLICATION NUMBER: US/09/213,767
/ CURRENT FILING DATE: 1998-12-17
/ NUMBER OF SEQ ID NOS: 47
/ SEQ ID NO 3
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
/ US-09-213-767-3

Query Match      0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 860 AGCTGGTGAGCTGACGAG 879
Db 20 AGCTGGTGATGCAGAGGAG 1

RESULT 383
US-08-863-639A-45
/ Sequence 45, Application US/08863639A
/ Patent No. 5981185
/ GENERAL INFORMATION:
/ APPLICANT: Matson, Robert S.
/ APPLICANT: Coassin, Peter J.
/ APPLICANT: Rampal, Jang B.
/ APPLICANT: Caskey, C. T.
/ TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
/ NUMBER OF SEQUENCES: 95
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Sheldon & Mak
/ STREET: 225 South Lake Avenue, 9th Floor
/ CITY: Pasadena
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 91101
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
/ COMPUTER: IBM compatible
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: Corel WordPerfect 8 version
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/863,639A
/ FILING DATE: May 28, 1997
/ CLASSIFICATION: 435
```



```
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueeth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-639A-45

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 ATGGAGATGATGAAGATGAT 1370
    ||| ||||| |||||
Db 1 ATGATGATGATGATGATGAT 20

RESULT 384
US-08-639A-49/c
; Sequence 49, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueeth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 82:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-639A-82

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 GATGGAGATGATGAAGATGA 1369
    ||| ||||| |||||
Db 20 GATGATGATGATGATGATGA 1

RESULT 386
US-08-639A-86
; Sequence 86, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 ATGGAGATGATGAAGATGAT 1370
    ||| ||||| |||||
Db 1 ATGATGATGATGATGATGAT 20

RESULT 384
US-08-639A-49/c
; Sequence 49, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueeth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-639A-49

Query Match 0.4%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 ATGGAGATGATGAAGATGAT 1370
    ||| ||||| |||||
Db 1 ATGATGATGATGATGATGAT 20
```

;/ ZIP: 91101  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
;/ COMPUTER: IBM compatible  
;/ OPERATING SYSTEM: Windows 95  
;/ SOFTWARE: Corel WordPerfect 8 version  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/863,639A  
;/ FILING DATE: May 28, 1997  
;/ CLASSIFICATION: 435  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Joseph E. Mueth  
;/ REGISTRATION NUMBER: 20,532  
;/ REFERENCE/DOCKET NUMBER: 11859-1  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (626) 796-4000  
;/ TELEFAX: (626) 795-6321  
;/ INFORMATION FOR SEQ ID NO: 86:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 21 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: Other nucleic acid  
;/ US-08-863-639A-86

Query Match 0.4%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1350 GATGGAGATGATGAAGATGA 1369  
Db 2 GATGATGATGATGATGA 21

RESULT 387  
US-09-136-080E-49  
;/ Sequence 49, Application US/09136080E  
;/ Patent No. 6518017  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Riley, Timothy A.  
;/ APPLICANT: Brown, Bob D.  
;/ APPLICANT: Arnold, Lyle J.  
;/ TITLE OF INVENTION: COMBINATORIAL ANTISENSE LIBRARY  
;/ FILE REFERENCE: OASIO.003A  
;/ CURRENT APPLICATION NUMBER: US/09/136,080E  
;/ CURRENT FILING DATE: 1998-08-18  
;/ NUMBER OF SEQ ID NOS: 54  
;/ SOFTWARE: Fast-Seq for Windows Version 3.0  
;/ SEQ ID NO 49  
;/ LENGTH: 21  
;/ TYPE: DNA  
;/ ORGANISM: Artificial Sequence  
;/ FEATURE:  
;/ OTHER INFORMATION: synthetic oligonucleotide  
;/ NAME/KEY: misc feature  
;/ LOCATION: (16)...(16)  
;/ OTHER INFORMATION: Glen research spacer 9 (cat # 10-1909-90) between c 15 and c 16  
;/ LOCATION: (21)...(21)  
;/ OTHER INFORMATION: propyl linker attached to t 21  
;/ US-09-136-080E-49

Query Match 0.4%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 70.0%; Pred. No. 5.9e+02;  
Matches 14; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1434 GCTGTGGAGTAGCGGCCA 1453  
Db 1 GCUGGUGAGUACUCGCCA 20

RESULT 388  
US-09-389-956-82/c

;/ Sequence 82, Application US/09389956  
;/ Patent No. 6586579  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Huang, Shi  
;/ TITLE OF INVENTION: PR-Domain Containing Nucleic Acids, Polypeptides,  
;/ FILE REFERENCE: P-LJ 3611  
;/ CURRENT APPLICATION NUMBER: US/09/389,956  
;/ CURRENT FILING DATE: 1999-09-03  
;/ NUMBER OF SEQ ID NOS: 93  
;/ SOFTWARE: Patentin Ver. 2.0  
;/ SEQ ID NO 82  
;/ LENGTH: 21  
;/ TYPE: DNA  
;/ ORGANISM: Homo sapiens  
;/ US-09-389-956-82

Query Match 0.4%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1722 GAAGACAACCAAGCGCGC 1741  
Db 21 GAAGACAATCAACAGCGGC 2

RESULT 389  
US-09-079-723-166  
;/ Sequence 166, Application US/09079723  
;/ Patent No. 6703362  
;/ GENERAL INFORMATION:  
;/ APPLICANT: Alvarez, Vernon L.  
;/ APPLICANT: O'Mahony, Daniel J.  
;/ APPLICANT: Lambkin, Imelda J.  
;/ APPLICANT: Singleton, Judith  
;/ APPLICANT: Patterson, Catherine A.  
;/ APPLICANT: Cagney, Gerard M.  
;/ APPLICANT: Belinka, Benjamin A.  
;/ APPLICANT: Carter, John M.  
;/ TITLE OF INVENTION: RANDOM PEPTIDES THAT BIND TO GASTRO-  
;/ TITLE OF INVENTION: INTESTINAL TRACT (GIT) TRANSPORT RECEPTORS AND RELATED METHODS  
;/ NUMBER OF SEQUENCES: 265  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Pennie & Edmonds LLP  
;/ STREET: 1155 Avenue of the Americas  
;/ CITY: New York  
;/ STATE: New York  
;/ COUNTRY: USA  
;/ ZIP: 10036  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Diskette  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: DOS  
;/ SOFTWARE: FastSeq Version 2.0  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/09/079,723  
;/ FILING DATE:  
;/ CLASSIFICATION:  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Misrock, S. Leslie  
;/ REGISTRATION NUMBER: 18,872  
;/ REFERENCE/DOCKET NUMBER: 1101-219  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 212-790-9090  
;/ TELEFAX: 212-869-9741  
;/ TELEX: 66141 PENNIE  
;/ INFORMATION FOR SEQ ID NO: 166:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 21 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: DNA

US-09-079-723-166

Query Match 0.4%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3651 CTTGCTTGCCTGAGGCCA 3670  
Db 1 CTTGCTGCTGAGGTCGA 20

RESULT 390

US-09-232-785-390  
Sequence 390, Application US/09232785  
Patent No. 6733965

GENERAL INFORMATION:  
APPLICANT: International Paper Co.  
APPLICANT: Echt, Craig S.  
APPLICANT: Nelson, C. Dana  
TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES  
TITLE OF INVENTION: THEREOF  
FILE REFERENCE: 4481/1818US1  
CURRENT APPLICATION NUMBER: US/09/232,785  
CURRENT FILING DATE: 1999-01-19  
PRIOR APPLICATION NUMBER: 09/232,884  
PRIOR FILING DATE: 1999-01-15  
NUMBER OF SEQ ID NOS: 397  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 390  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Pinus taeda L.  
US-09-232-785-390

Query Match 0.4%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1351 ATGAGATGATGATGATGAT 1370  
Db 1 ATGATGATGATGATGAT 20

RESULT 391

PCT-US93-11915-4/c  
Sequence 4, Application PC/TUS9311915

GENERAL INFORMATION:  
APPLICANT: Kufe, Donald  
APPLICANT: Abe, Miyako  
TITLE OF INVENTION: ENHANCER SEQUENCE FOR MODULATING  
TITLE OF INVENTION: EXPRESSION IN EPITHELIAL CELLS  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 50Z or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/11915  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/999,742  
FILING DATE: December 31, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Fraser, Janis K.

REGISTRATION NUMBER: 34,819  
REFERENCE/DOCKET NUMBER: 00530/065W01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
PCT-US93-11915-4

Query Match 0.4%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 5.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3067 TCCACACCCCACTTCC 3086  
Db 21 TCCCTCCCACTTCC 2

RESULT 392

US-10-003-998A-7/c  
Sequence 7, Application US/10003998A  
Patent No. 6664064

GENERAL INFORMATION:  
APPLICANT: Roche Diagnostics GmbH  
TITLE OF INVENTION: Method for melting curve analysis of repetitive PCR  
TITLE OF INVENTION: products  
FILE REFERENCE: 5438/00/EP  
CURRENT APPLICATION NUMBER: US/10/003,998A  
CURRENT FILING DATE: 2001-11-14  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 7  
LENGTH: 29  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-10-003-998A-7

Query Match 0.4%; Score 15.2; DB 1; Length 29;  
Best Local Similarity 71.4%; Pred. No. 8.9e+02;  
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3308 GATTTTCTTAGGAGATTTTGTG 3335  
Db 28 GATTTTCTTAGGAGATTTTGTG 1

RESULT 393

US-08-296-793-2  
Sequence 2, Application US/08296793  
Patent No. 5580731

GENERAL INFORMATION:  
APPLICANT: CHU-AN  
APPLICANT: URDEA, MICHAEL S.  
APPLICANT: HORN, THOMAS  
TITLE OF INVENTION: NOVEL N-4 MODIFIED PYRIMIDINE  
TITLE OF INVENTION: DEOXYNUCLEOTIDES AND OLIGONUCLEOTIDE PROBES SYNTHESIZED  
TITLE OF INVENTION: THEREWITH  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHIRON CORPORATION  
STREET: 4560 Horton Street  
CITY: Emeryville  
STATE: CA  
COUNTRY: U.S.A.  
ZIP: 94608  
COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/296,793  
FILING DATE: 25-AUG-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: GOLDMAN, KENNETH M.  
REGISTRATION NUMBER: 34,174  
REFERENCE/DOCKET NUMBER: 0409.001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 601-2719  
TELEFAX: (510) 655-3542  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 11..15  
OTHER INFORMATION: /product= "N represents compound 5"  
OTHER INFORMATION: or compound 15"  
US-08-296-793-2

Query Match 0.4%; Score 15.2; DB 1; Length 30;  
Best Local Similarity 68.0%; Pred. No. 9.3e+02;  
Matches 17; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3310 TTTTCTTTAGGAGATTATTTT 3334  
|||||  
Db 1 TTTTCTTTNNNNNTTTT 25

RESULT 394  
US-08-771-781-2  
Sequence 2, Application US/0871781  
Patent No. 6027886  
GENERAL INFORMATION:  
APPLICANT: LEYING, Hermann  
APPLICANT: HINZPETER, Matthias  
APPLICANT: WITTOR, Heiko  
APPLICANT: FRITTON, Hans-Peter  
TITLE OF INVENTION: METHOD FOR THE QUANTITATIVE  
DETECTION OF SPECIFIC NUCLEIC ACID SEQUENCES  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP  
STREET: 655 Fifteenth Street N.W. Suite 330  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-5701  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/771,781  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE 195 48 680.3  
FILING DATE: 23-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Muray, Robert B.  
REGISTRATION NUMBER: 22,980  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 638-5000  
TELEFAX: (202) 638-4810

INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 30 base pairs  
TYPE: nucleotide  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
US-08-771-781-2

Query Match 0.4%; Score 15.2; DB 1; Length 30;  
Best Local Similarity 71.4%; Pred. No. 9.3e+02;  
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3266 TTATTGCTTTGCTCTTTTTCAGGAGAA 3293  
|||||  
Db 1 TTTTCTTTTTCAGGCGTA 28

RESULT 395  
PCT-US92-10792-1  
Sequence 1, Application PC/TUS9210792  
GENERAL INFORMATION:  
APPLICANT: Jayasena, Sumedha D.  
APPLICANT: Johnston, Brian H.  
TITLE OF INVENTION: Triple Helix Formation at  
TITLE OF INVENTION: (PuNPyN) - (PuNPyN) Tracts  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SRI International  
STREET: 333 Ravenswood Avenue  
CITY: Menlo Park  
STATE: CA  
COUNTRY: USA  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/10792  
FILING DATE: 19921211  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/826,934  
FILING DATE: 21-JAN-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/808,452  
FILING DATE: 13-DEC-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Fabian, Gary R.  
REGISTRATION NUMBER: 33,875  
REFERENCE/DOCKET NUMBER: P-3141  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 859-4550  
TELEFAX: (415) 859-3880  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 32 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: OLIGONUCLEOTIDE I, FIGURE 8  
PCT-US92-10792-1

Query Match 0.4%; Score 15.2; DB 1; Length 32;  
Best Local Similarity 71.4%; Pred. No. 9.9e+02;  
Matches 20; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3258 AAGATATTTTATTGCTTTTTCCTCTTTT 3285



Thu Oct 28 12:48:24 2004

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; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-9

Query Match      0.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2318 TGTGTGTGTGTGTGT 2332
DB      1 TGTGTGTGTGTGTGT 15

RESULT 399
US-08-849-021-10
; Sequence 10, Application US/08849021
; Patent No. 595276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

```

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-10

Query Match      0.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2319 GTGTGTGTGTGTGTG 2333
DB      1 GTGTGTGTGTGTGTG 15

RESULT 400
US-08-787-321-24/C
; Sequence 24, Application US/08787321A
; Patent No. 6180777
; GENERAL INFORMATION:
; APPLICANT: HORN, THOMAS
; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
; FILE REFERENCE: (1300)-1199,002
; CURRENT APPLICATION NUMBER: US/08/787,321A
; CURRENT FILING DATE: 1997-01-03
; EARLIER APPLICATION NUMBER: US PROV 60/009,918
; EARLIER FILING DATE: 1996-01-12
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
; US-08-787-321-24

Query Match      0.4%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2319 GTGTGTGTGTGTGTG 2333
DB      15 GTGTGTGTGTGTGTG 1

RESULT 401
US-09-371-772B-6070
; Sequence 6070, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MEH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6070
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6070

Query Match      0.4%; Score 15; DB 1; Length 16;

```

Best Local Similarity 53.3%; Pred. No. 4.3e+02;  
Matches 8; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTG 2333  
|:|:|:|:|:|:|:  
Db 1 GUGUGUGUGUGUG 15

## RESULT 402

US-08-849-021-16/c  
; Sequence 16, Application US/08849021  
; Patent No. 5955276  
; GENERAL INFORMATION:  
; APPLICANT: MORGANTE, MICHELE  
; APPLICANT: VOGEL, JULIE M.  
; TITLE OF INVENTION: COMPOUND MICROSATELLITE  
; TITLE OF INVENTION: PRIMERS FOR THE  
; TITLE OF INVENTION: DETECTION OF GENETIC  
; TITLE OF INVENTION: POLYMORPHISMS  
; NUMBER OF SEQUENCES: 89  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
; ADDRESSEE: COMPANY  
; STREET: 1007 MARKET STREET  
; CITY: WILMINGTON  
; STATE: DELAWARE  
; COUNTRY: U.S.A.  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,021  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/346,456  
; FILING DATE: 28 NOVEMBER 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FLOYD, LINDA AXAMETHY  
; REGISTRATION NUMBER: 33,692  
; REFERENCE/DOCKET NUMBER: BB-1064-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 302-892-8112  
; TELEFAX: 302-992-7949  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-849-021-16

Query Match 0.4%; Score 15; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2320 TGTGTGTGTGTGTC 2334  
|:|:|:|:|:|:|:  
Db 17 TGTGTGTGTGTGTC 3

## RESULT 403

US-09-205-204-21/c  
; Sequence 21, Application US/09205204  
; Patent No. 5958772  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRESS  
; FILE REFERENCE: RTS-0020  
; CURRENT APPLICATION NUMBER: US/09/205,204  
; CURRENT FILING DATE: 1998-12-03  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 21  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-204-21

Query Match 0.4%; Score 15; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 5.1e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1606 CAGAAGTGCATCCAC 1620  
|:|:|:|:|:|:|:  
Db 17 CAGAAGTGCATCCAC 3

## RESULT 404

US-08-787-321-27/c  
; Sequence 27, Application US/08787321A  
; Patent No. 6180777  
; GENERAL INFORMATION:  
; APPLICANT: Horn, Thomas  
; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS  
; FILE REFERENCE: (1300)-1199,002  
; CURRENT APPLICATION NUMBER: US/08/787,321A  
; CURRENT FILING DATE: 1997-01-03  
; EARLIER APPLICATION NUMBER: US PROV 60/009,918  
; EARLIER FILING DATE: 1996-01-12  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 27  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: oligonucleotide  
US-08-787-321-27

Query Match 0.4%; Score 15; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTG 2333  
|:|:|:|:|:|:|:  
Db 19 GTGTGTGTGTGTG 5

## RESULT 405

US-09-593-711A-173  
; Sequence 173, Application US/09593711A  
; Patent No. 6271030  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION  
; FILE REFERENCE: RTS-0118  
; CURRENT APPLICATION NUMBER: US/09/593,711A  
; CURRENT FILING DATE: 2000-06-14  
; NUMBER OF SEQ ID NOS: 244  
; SEQ ID NO 173  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

QY 2320 TGTGTGTGTGTGTC 2334  
|:|:|:|:|:|:|:  
Db 17 TGTGTGTGTGTGTC 3

US-09-593-711A-173

Query Match 0.4%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2639 TCCAGCACCTTGTGC 2653  
DB 2 TCCAGCACCTTGTGC 16

RESULT 406

US-09-659-791A-47  
Sequence 47, Application US/09659791A  
Patent No. 6383808  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monla  
APPLICANT: Susan M. Freier  
TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION  
FILE REFERENCE: RTS-0156  
CURRENT APPLICATION NUMBER: US/09/659,791A  
CURRENT FILING DATE: 2000-09-11  
NUMBER OF SEQ ID NOS: 90  
SEQ ID NO 47  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-659-791A-47

Query Match 0.4%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 382 GGCATCAAGCTGCGG 396  
DB 2 GGCATCAAGCTGCGG 16

RESULT 407

US-08-584-040-3021  
Sequence 3021, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3021:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-3021

Query Match 0.4%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 5.4e+02;  
Matches 12; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1391 TCAACCTGCTGGCGCCT 1408  
DB 1 UUAACCGUGGGAGCCU 18

RESULT 408

US-08-584-040-6244  
Sequence 6244, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 6244:



; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-6244

Query Match 0.4%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 72.2%; Pred. No. 5.4e+02;  
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1678 GACTTCGGGCTGGGCGCG 1695  
Db 1 GACUUGCGUUGGCCCGG 18  
||||:||||:|||||

## RESULT 409

US-09-498-625-12  
; Sequence 12, Application US/09498625  
; Patent No. 6420346  
; GENERAL INFORMATION:  
; APPLICANT: Karin, Nathan  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS AND METHODS FOR TREATING RHEUMATOID ARTHRITIS  
; FILE REFERENCE: 00/20186  
; CURRENT APPLICATION NUMBER: US/09/498,625  
; CURRENT FILING DATE: 2000-02-07  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 12  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: synthetic oligonucleotide  
US-09-498-625-12

Query Match 0.4%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 550 CTGCGGCCCAACGAGCG 567  
Db 1 CTACCGGCCAGCCAGCG 18  
|||:|||||:|||||

## RESULT 410

US-09-371-772B-1449  
; Sequence 1449, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1449  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1449

Query Match 0.4%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 5.4e+02;

Matches 12; Conservative 4; Mismatches 2; Indels 0; Gaps 0;  
Qy 1391 TCAACTGTGGGCGCT 1408  
Db 1 UUAACUGGUGGAGCCU 18  
:||||:||||:||||:

## RESULT 411

US-09-371-772B-3004  
; Sequence 3004, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3004  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3004

Query Match 0.4%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 72.2%; Pred. No. 5.4e+02;  
Matches 13; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1678 GACTTCGGGCTGGGCGCG 1695  
Db 1 GACUUGCGUUGGCCCGG 18  
||||:||||:|||||

## RESULT 412

US-09-679-298A-42  
; Sequence 42, Application US/09679298A  
; Patent No. 6566131  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD6 EXPRESSION  
; FILE REFERENCE: RTS-0045  
; CURRENT APPLICATION NUMBER: US/09/679,298A  
; CURRENT FILING DATE: 2001-03-05  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 42  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-679-298A-42

Query Match 0.4%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 5.4e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 168 GCGAGTACGAGACGG 185  
Db 1 GCGAGTTGACGAGATGG 18  
|||||:|||||:|||||

## RESULT 413

US-08-582-539-18  
 ; Sequence 18, Application US/08582539  
 ; Patent No. 5733732  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Campbell, Kevin P., et al.  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING PRIMARY  
 ; TITLE OF INVENTION: ADHALINOPATHY  
 ; NUMBER OF SEQUENCES: 32  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Kevin M. Farrell  
 ; STREET: P.O. Box 999  
 ; CITY: York Harbor  
 ; STATE: ME  
 ; COUNTRY: USA  
 ; ZIP: 03911  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent in Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/582,539  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Farrell, Kevin M.  
 ; REGISTRATION NUMBER: 35,505  
 ; REFERENCE/DOCKET NUMBER: UIRF-9501  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 207-363-0558  
 ; TELEFAX: 207-363-0528  
 ; INFORMATION FOR SEQ ID NO: 18:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 19 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: double  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-582-539-18  
 Query Match 0.4%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 752 TGCAACGTCACCTTTG 769  
 DB 1 TGCTCAACGTCACCTCTG 18  
 RESULT 414  
 US-09-293-569-10  
 ; Sequence 10, Application US/09293569B  
 ; Patent No. 6183969  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gabriel, Abram  
 ; TITLE OF INVENTION: Intron-Based Assay for Detecting and Characterizing  
 ; TITLE OF INVENTION: Chromosomal Rearrangement  
 ; FILE REFERENCE: RU-15  
 ; CURRENT APPLICATION NUMBER: US/09/293,569B  
 ; CURRENT FILING DATE: 1999-04-15  
 ; NUMBER OF SEQ ID NOS: 14  
 ; SOFTWARE: Patent in Ver. 2.0  
 ; SEQ ID NO 10  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 ; US-09-293-569-10  
 Query Match 0.4%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 752 TGCAACGTCACCTTTG 769  
 DB 1 TGCTCAACGTCACCTCTG 18  
 RESULT 414  
 US-09-293-569-10  
 ; Sequence 10, Application US/09293569B  
 ; Patent No. 6183969  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gabriel, Abram  
 ; TITLE OF INVENTION: Intron-Based Assay for Detecting and Characterizing  
 ; TITLE OF INVENTION: Chromosomal Rearrangement  
 ; FILE REFERENCE: RU-15  
 ; CURRENT APPLICATION NUMBER: US/09/293,569B  
 ; CURRENT FILING DATE: 1999-04-15  
 ; NUMBER OF SEQ ID NOS: 14  
 ; SOFTWARE: Patent in Ver. 2.0  
 ; SEQ ID NO 10  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 ; US-09-293-569-10  
 Query Match 0.4%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1050 GGAGTCCAAACGGTCCAT 1067  
 DB 1 GGAGTTCATCGTCCAT 18  
 RESULT 415  
 US-09-338-907-483  
 ; Sequence 483, Application US/09338907  
 ; Patent No. 6265546  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cohen, Daniel  
 ; APPLICANT: Blumenfeld, Marta  
 ; APPLICANT: Ilya, Chumakov  
 ; APPLICANT: Bougueleret, Lydie  
 ; TITLE OF INVENTION: PROSTATE CANCER GENE  
 ; FILE REFERENCE: GENSET.18CP1CP  
 ; CURRENT APPLICATION NUMBER: US/09/338,907  
 ; CURRENT FILING DATE: 1999-06-23  
 ; EARLIER APPLICATION NUMBER: 08/996,306  
 ; EARLIER FILING DATE: 1997-12-22  
 ; EARLIER APPLICATION NUMBER: 60/099,658  
 ; EARLIER FILING DATE: 1998-09-09  
 ; EARLIER APPLICATION NUMBER: 09/218,207  
 ; EARLIER FILING DATE: 1998-12-22  
 ; NUMBER OF SEQ ID NOS: 578  
 ; SOFTWARE: Patent.pm  
 ; SEQ ID NO 483  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapiens  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature  
 ; LOCATION: 1..19  
 ; OTHER INFORMATION: potential microsequencing oligo for 99-148-129.misl  
 ; US-09-338-907-483  
 Query Match 0.4%; Score 14.8; DB 1; Length 19;  
 Best Local Similarity 88.9%; Pred. No. 5.8e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 3469 TATCTATATATATATTT 3486  
 DB 1 TATCTATACAAATATTT 18  
 RESULT 416  
 US-09-338-907-546  
 ; Sequence 546, Application US/09338907  
 ; Patent No. 6265546  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cohen, Daniel  
 ; APPLICANT: Blumenfeld, Marta  
 ; APPLICANT: Ilya, Chumakov  
 ; APPLICANT: Bougueleret, Lydie  
 ; TITLE OF INVENTION: PROSTATE CANCER GENE  
 ; FILE REFERENCE: GENSET.18CP1CP  
 ; CURRENT APPLICATION NUMBER: US/09/338,907  
 ; CURRENT FILING DATE: 1999-06-23  
 ; EARLIER APPLICATION NUMBER: 08/996,306  
 ; EARLIER FILING DATE: 1997-12-22  
 ; EARLIER APPLICATION NUMBER: 60/099,658  
 ; EARLIER FILING DATE: 1998-09-09  
 ; EARLIER APPLICATION NUMBER: 09/218,207  
 ; EARLIER FILING DATE: 1998-12-22  
 ; NUMBER OF SEQ ID NOS: 578  
 ; SOFTWARE: Patent.pm  
 ; SEQ ID NO 546  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Homo Sapiens  
 ; FEATURE:  
 ; NAME/KEY: misc\_feature

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; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-128-202.mis2
US-09-338-907-546

Query Match      0.4%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGT 2332
Db 1 GTATGTATGTGTGTGT 18

RESULT 417
US-09-218-207-483
; Sequence 483, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 483
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-148-129.mis1
US-09-218-207-483

Query Match      0.4%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3469 TATCTATATATATATTT 3486
Db 1 TATCTATACAAATATTT 18

RESULT 418
US-09-218-207-546
; Sequence 546, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 546
; LENGTH: 19
; TYPE: DNA
```

```
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 99-128-202.mis2
US-09-218-207-546

Query Match      0.4%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGT 2332
Db 1 GTATGTATGTGTGTGT 18

RESULT 419
US-08-983-605-118/c
; Sequence 118, Application US/08983605A
; Patent No. 6720137
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Triticum aestivum and Tribe Triticeae and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 118
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum aestivum
; US-08-983-605-118

Query Match      0.4%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 404 AGTGAGCCTGTCATGG 421
Db 18 AGTGGATGCTGTCATGG 1

RESULT 420
US-09-101-997-4
; Sequence 4, Application US/09101997
; Patent No. 6406890
; GENERAL INFORMATION:
; APPLICANT: Mueller, Manfred W.
; TITLE OF INVENTION: Process for the Amplification of Nucleic
; TITLE OF INVENTION: Acid
; FILE REFERENCE: GRUE-002
; CURRENT APPLICATION NUMBER: US/09/101,997
; CURRENT FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: PCT/EP97/00160
; PRIOR FILING DATE: 1997-01-15
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-101-997-4

Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 2815 GTATATGGTATATATACA 2832  
|||||  
Db 2 GTATATGGTATATATAAA 19

RESULT 421  
US-09-101-997-8  
; Sequence 8, Application US/09101997  
; Patent No. 6406890  
; GENERAL INFORMATION:  
; APPLICANT: Mueller, Manfred W.  
; TITLE OF INVENTION: Process for the Amplification of Nucleic  
; TITLE OF INVENTION: Acid  
; FILE REFERENCE: GRUE-002  
; CURRENT APPLICATION NUMBER: US/09/101,997  
; CURRENT FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: PCT/EP97/00160  
; PRIOR FILING DATE: 1997-01-15  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc.feature  
; LOCATION: (0)...(0)  
; OTHER INFORMATION: n=t, a, g or c  
; OTHER INFORMATION: reation substrate  
US-09-101-997-8

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2815 GTATATGGTATATATACA 2832  
|||||  
Db 2 GTATATGGTATATATAAA 19

RESULT 422  
US-07-847-055A-4  
; Sequence 4, Application US/07847055A  
; Patent No. 5530114  
; GENERAL INFORMATION:  
; APPLICANT: ISIS Pharmaceuticals  
; TITLE OF INVENTION: Oligonucleotide Modulation of  
; TITLE OF INVENTION: Arachidonic Acid Metabolism  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn  
; ADDRESSEE: Kurtz Mackiewicz & No. 5530114ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/847,055A  
; FILING DATE: 19920403  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/516,969  
; FILING DATE: April 30, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: John W. Caldwell  
; REGISTRATION NUMBER: 28,937

; REFERENCE/DOCKET NUMBER: ISIS-182  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
US-07-847-055A-4

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2905 GGCAGGCGATGGCCCTGGG 2922  
|||||  
Db 1 GGAGGCGATGGCTCTGGG 18

RESULT 423  
US-08-250-856A-26/c  
; Sequence 26, Application US/08250856A  
; Patent No. 5563255  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P. and Boggs, Russell T.  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
; TITLE OF INVENTION: of raf Gene Expression  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/250,856A  
; FILING DATE: May 31, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0094  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: linear  
; ANTI-SENSE: Yes  
US-08-250-856A-26

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGCAGGAGGAG 861  
|||||  
Db 20 CTGCCAGCGGAGGAGGAG 3

## RESULT 424

US-08-158-189-48/c  
; Sequence 48, Application US/08158189  
; Patent No. 5641497  
; GENERAL INFORMATION:  
; APPLICANT: Bevins, Charles L.  
; APPLICANT: Jones, Douglas E.  
; TITLE OF INVENTION: Gastrointestinal Defensin Peptides,  
; TITLE OF INVENTION: cDNA Sequences, Methods for Production and Use Thereof  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5641497ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/158,189  
; FILING DATE:  
; CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/07/888,232  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:

NAME: Johnson, Philip S.  
REGISTRATION NUMBER: 27,200  
REFERENCE/DOCKET NUMBER: CH-0219  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439

## INFORMATION FOR SEQ ID NO:

48:

## SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown

US-08-158-189-48

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 655 AATGGCAGCAAGGTGGC 672

|||||

Db 20 AATGGCAGCAAGGTGGC 3

## RESULT 425

US-08-468-037A-11/c  
; Sequence 11, Application US/08468037A  
; Patent No. 5859221  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/468,037A  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 835,932  
; FILING DATE: 05-MAR-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
US-08-468-037A-11

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCCGAGGAGGAG 861

|||||

Db 20 CTGCCAGCCGAGGAGGAG 3

## RESULT 426

US-08-471-973A-11/c  
; Sequence 11, Application US/08471973A  
; Patent No. 5872232  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: Andrew Kawasaki  
; TITLE OF INVENTION: Sugar Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872232ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/471,973A  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 835,932  
; FILING DATE: 05-MAR-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2005  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 bases

```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-471-973A-11

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      844  CTGCACCGGAGGAGGAG 861
Db       20  CTGCAGGAGGAGGAG 3

RESULT 427
US-08-910-629A-31/c
; Sequence 31, Application US/08910629A
; Patent No. 5877309
; GENERAL INFORMATION:
; APPLICANT: Robert A. McKay
; APPLICANT: Nicholas M. Dean
; APPLICANT: Brett Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,629A
; FILING DATE: August 13, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-910-629A-31

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1678  GACTTCGGCTGCCCGG 1695
Db       20  GACTTGGCTGCCCGG 3

RESULT 428
US-08-910-629A-31/c
; Sequence 31, Application US/08910629A
; Patent No. 5877309
; GENERAL INFORMATION:
; APPLICANT: Robert A. McKay
; APPLICANT: Nicholas M. Dean
; APPLICANT: Brett Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,629A
; FILING DATE: August 13, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-910-629A-31

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1678  GACTTCGGCTGCCCGG 1695
Db       20  GACTTGGCTGCCCGG 3

RESULT 429
US-08-756-806A-26/c
; Sequence 26, Application US/08756806A
; Patent No. 5952229
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,629A
; FILING DATE: August 13, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-910-629A-42

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1678  GACTTCGGCTGCCCGG 1695
Db       1  GACTTGGCTGCCCGG 18

RESULT 429
US-08-756-806A-26/c
; Sequence 26, Application US/08756806A
; Patent No. 5952229
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,629A
; FILING DATE: August 13, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; US-08-910-629A-42

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

;/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
;/ COMPUTER: IBM PS/2  
;/ OPERATING SYSTEM: PC-DOS  
;/ SOFTWARE: WORDPERFECT 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/756,806A  
;/ FILING DATE: No. 5952229ember 26, 1996  
;/ CLASSIFICATION: 536  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: PCT/US95/07111  
;/ FILING DATE: May 31, 1995  
;/ APPLICATION DATA: 08/250,856  
;/ FILING DATE: May 31, 1994  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Jane Massey Licata  
;/ REGISTRATION NUMBER: 32,257  
;/ REFERENCE/DOCKET NUMBER: ISPH-0200  
;/ TELEPHONE: (609) 779-2400  
;/ TELEFAX: (609) 810-1454  
;/ INFORMATION FOR SEQ ID NO: 26:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 20  
;/ TYPE: Nucleic Acid  
;/ STRANDEDNESS: Single  
;/ TOPOLOGY: Linear  
;/ ANTI-SENSE: Yes  
;/ US-08-756-806A-26

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTCGCCAGCGGAGGAG 861  
DB 20 CTCGCCAGGGGAGGAG 3

RESULT 430  
US-08-849-021-68  
; Sequence 68, Application US/08849021  
; Patent No. 5955276  
; GENERAL INFORMATION:  
; APPLICANT: MORGANTE, MICHELE  
; TITLE OF INVENTION: COMPOUND MICROSATELLITE  
; TITLE OF INVENTION: PRIMERS FOR THE  
; TITLE OF INVENTION: DETECTION OF GENETIC  
; TITLE OF INVENTION: POLYMORPHISMS  
; NUMBER OF SEQUENCES: 89  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
; ADDRESSEE: COMPANY  
; STREET: 1007 MARKET STREET  
; CITY: WILMINGTON  
; STATE: DELAWARE  
; COUNTRY: U.S.A.  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,021  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/346,456  
; FILING DATE: 28 NOVEMBER 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FLOYD, LINDA AXAMETHY

;/ REGISTRATION NUMBER: 33,692  
;/ REFERENCE/DOCKET NUMBER: BB-1064-A  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 302-892-8112  
;/ TELEFAX: 302-992-7949  
;/ INFORMATION FOR SEQ ID NO: 68:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 20 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: DNA (genomic)  
;/ US-08-849-021-68

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGTG 2333  
DB 3 TATATGTGTGTGTGTG 20

RESULT 431  
US-08-849-021-82  
; Sequence 82, Application US/08849021  
; Patent No. 5955276  
; GENERAL INFORMATION:  
; APPLICANT: MORGANTE, MICHELE  
; TITLE OF INVENTION: COMPOUND MICROSATELLITE  
; TITLE OF INVENTION: PRIMERS FOR THE  
; TITLE OF INVENTION: DETECTION OF GENETIC  
; TITLE OF INVENTION: POLYMORPHISMS  
; NUMBER OF SEQUENCES: 89  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
; ADDRESSEE: COMPANY  
; STREET: 1007 MARKET STREET  
; CITY: WILMINGTON  
; STATE: DELAWARE  
; COUNTRY: U.S.A.  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,021  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/346,456  
; FILING DATE: 28 NOVEMBER 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FLOYD, LINDA AXAMETHY  
; REGISTRATION NUMBER: 33,692  
; REFERENCE/DOCKET NUMBER: BB-1064-A  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: 302-892-8112  
;/ TELEFAX: 302-992-7949  
;/ INFORMATION FOR SEQ ID NO: 82:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 20 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: DNA (genomic)  
;/ US-08-849-021-82

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;

```

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGTG 2333
Db 3 TATATGTGTGTGTGTG 20

RESULT 432
US-08-465-880-11/c
; Sequence 11, Application US/08465880
; Patent No. 5955589
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
; TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/465,880
; FILING DATE: Herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 244,993
; FILING DATE: 21-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-465-880-11

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGGAGGAGGAG 861
Db 20 CTGCCAGCGGAGGAGGAG 3

RESULT 433
US-09-035-357-11/c
; Sequence 11, Application US/09035357
; Patent No. 6005087
; GENERAL INFORMATION:
; APPLICANT: Philip Dan Cook
; APPLICANT: A. Kawasaki
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGGAGGAGGAG 861
Db 20 CTGCCAGCGGAGGAGGAG 3

RESULT 433
US-09-035-357-11/c
; Sequence 11, Application US/09143214
; Patent No. 6090626
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/143,214
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,806
; FILING DATE: No. 6090626ember 26, 1996
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:

```

```

; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 720 Kb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/035,357
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/468,037
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-09-035-357-11

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGGAGGAGGAG 861
Db 20 CTGCCAGCGGAGGAGGAG 3

RESULT 434
US-09-143-214-26/c
; Sequence 26, Application US/09143214
; Patent No. 6090626
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/143,214
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/756,806
; FILING DATE: No. 6090626ember 26, 1996
; APPLICATION NUMBER: PCT/US95/07111
; FILING DATE: May 31, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1994
; ATTORNEY/AGENT INFORMATION:

```



; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0200  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 26:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-143-214-26

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCCGAGGAGGAG 861  
Db 20 CTGCCAGCCGAGGAGGAG 3

## RESULT 435

US-09-000-136-12/c  
; Sequence 12, Application US/09000136  
; Patent No. 6096720  
; GENERAL INFORMATION:  
; APPLICANT: Love, William G  
; APPLICANT: Sharman, Thomas  
; APPLICANT: Phillips, Judith A  
; APPLICANT: Nicklin, Paul L  
; APPLICANT: Hamilton, Karen O  
; TITLE OF INVENTION: Liposomal Oligonucleotide Compositions  
; FILE REFERENCES: 4-20536/A/WA 2112  
; CURRENT APPLICATION NUMBER: US/09/000,136  
; CURRENT FILING DATE: 1998-04-23  
; EARLIER APPLICATION NUMBER: GB 9515743.4  
; EARLIER FILING DATE: 1995-08-01  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 12  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide  
; OTHER INFORMATION: oligonucleotide has uniform phosphorothiate  
; OTHER INFORMATION: backbones, nucleotides 1-12 are substituted by  
; OTHER INFORMATION: methoxy at the 2' position of the sugar moiety  
; US-09-000-136-12

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCCGAGGAGGAG 861  
Db 20 CTGCCAGCCGAGGAGGAG 3

## RESULT 436

US-09-209-668-7/c  
; Sequence 7, Application US/09209668A  
; Patent No. 6114517  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P.  
; APPLICANT: Xu, Xiaoxing S.  
; TITLE OF INVENTION: METHODS OF MODULATING TUMOR NECROSIS FACTOR  
; TITLE OF INVENTION: alpha-INDUCED EXPRESSION OF CELL ADHESION MOLECULES  
; FILE REFERENCE: ISPH-0336

; CURRENT APPLICATION NUMBER: US/09/209,668A  
; CURRENT FILING DATE: 1998-12-10  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 7  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
; US-09-209-668-7

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGGCCCGG 1695  
Db 20 GACTTCGGCTGGCCCGG 3

## RESULT 437

US-09-418-641-87/c  
; Sequence 87, Application US/09418641A  
; Patent No. 6124133  
; GENERAL INFORMATION:  
; APPLICANT: Jennifer K. Taylor  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FRA-1 EXPRESSION  
; FILE REFERENCE: KIS-0105  
; CURRENT APPLICATION NUMBER: US/09/418,641A  
; CURRENT FILING DATE: 1999-10-15  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 87  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-418-641-87

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1123 ACGCTGGCCAATGCTCTCC 1140  
Db 20 ACGCTGGCCAATGCTCTCC 3

## RESULT 438

US-09-287-796-31/c  
; Sequence 31, Application US/09287796A  
; Patent No. 6133246  
; GENERAL INFORMATION:  
; APPLICANT: McKay, Robert A.  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Monia, Brett  
; APPLICANT: Nero, Pam  
; APPLICANT: Gaarde, William A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS  
; FILE REFERENCE: ISPH-0350  
; CURRENT APPLICATION NUMBER: US/09/287,796A  
; CURRENT FILING DATE: 1999-04-07  
; EARLIER APPLICATION NUMBER: 09/130,616  
; EARLIER FILING DATE: 1998-08-07  
; EARLIER APPLICATION NUMBER: 08/910,629  
; EARLIER FILING DATE: 1997-08-03  
; NUMBER OF SEQ ID NOS: 165  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-31

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGGCCCGG 1695
Db      20 GACTTTGGCCTGGCCCGG 3

RESULT 439
US-09-287-796-42
; Sequence 42, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; EARLIER FILING DATE: 1999-04-07/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-42

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGGCCCGG 1695
Db      1 GACTTTGGCCTGGCCCGG 18

RESULT 440
US-09-418-640-76
; Sequence 76, Application US/09418640
; Patent No. 6140125
; GENERAL INFORMATION:
; APPLICANT: Jennifer K. Taylor
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION
; FILE REFERENCE: RTS-0102
; CURRENT APPLICATION NUMBER: US/09/418,640
; CURRENT FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-418-640-76

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;

US-09-433-699-11
; Sequence 11, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-11

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 51 GCGGCTGCAGGTGCTGAA 68
Db      3 GCGGCGCGGGTGTCTGAA 20

RESULT 442
US-09-433-699-43/c
; Sequence 43, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-43

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1358 TGATGAAGATGATCGGA 1375
Db      20 TGATGAAGATGATGAGGA 3

RESULT 443
US-09-490-692-32/c
; Sequence 32, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
```

```

; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleo
US-09-490-692-32

```

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1169 GGGAGCTGTCTCGGGCCC 1186  
Db 18 GGGTCCTGTCTCGGGCCC 1

RESULT 444  
US-09-517-584A-32/c  
; Sequence 32, Application US/09517584A  
: Patent No. 6187587

/ GENERATOR INFORMATION: Ian Popoff  
 / APPLICANT: Wickie L. Brown-Driver  
 / APPLICANT: Lex M. Cowsett  
 / TITLE OF INVENTION: ANTISENSE  
 / FILE REFERENCE: RTS-0121  
 / CURRENT APPLICATION NUMBER: US/09/  
 / CURRENT FILING DATE: 2000-03-22  
 / NUMBER OF SEQ ID NOS: 89

```

; DNA ID: 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-32

```

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 620 AGCCCCACATCCAGTGC 637  
|||  
Db 18 AGAACCCACATCCAGTGC 1

RESULT 445  
US-09-429-322-53/c  
; Sequence 53, Application US/09429322A  
; Patent No. 6190869  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE C-THETA  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RTS-0100  
; CURRENT APPLICATION NUMBER: US/09/429.322A  
; CURRENT FILING DATE: 1999-10-26  
; NUMBER OF SEQ ID NOS: 89

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-322-53

```

Query Match 0.4%; Score 14.8; DB 1; Length 20;

Best Local Similarity	88.9%;	Pred. No. 6.3e+02;
Matches	16;	Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy	1872	TGTGGAGGAGCTCTTCAA 1889
Db	18	TGAGGAGGAGCTCTTCCA 1

RESULT 446  
US-09-130-616-31/c  
; Sequence 31, Application US/09130616C

; Patent No. 6221050  
 ;  
 ; GENERAL INFORMATION:  
 ;  
 ; APPLICANT: McKay, Robert A.  
 ; APPLICANT: Dean, Nicholas M.  
 ; APPLICANT: Monia, Brett  
 ; APPLICANT: Nero, Pam  
 ; APPLICANT: Gaarde, William A.  
 ;  
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
 ;  
 ; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS

```

, CDS REFERENCE: 80PH-1218
, CURRENT APPLICATION NUMBER: US/09/130,616C
, CURRENT FILING DATE: 1998-08-07
, EARLIER APPLICATION NUMBER: 08/910,629
, EARLIER FILING DATE: 1997-08-03
, NUMBER OF SEQ ID NOS: 178
, SEQ ID NO 31
, LENGTH: 20
, TYPE: DNA
, ORGANISM: Artificial Sequence
, FEATURE:
, OTHER INFORMATION: Synthetic Sequence
US-09-130-616-31

```

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels

QY 1678 GACTTCGGGCTGGCCCGG 1695  
Db 20 GACTTCGGGCTGGCCCGG 3

RESULT 447  
US-09-130-616-42  
; Sequence 42, Application US/09130616C  
; Patent No. 6221850  
; GENERAL INFORMATION:  
; APPLICANT: McKay, Robert A.  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Monia, Brett  
; APPLICANT: Nero, Pam

```

/ / TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
/ /
/ / TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
/ /
/ / FILE REFERENCE: ISPH-0318
/ /
/ / CURRENT APPLICATION NUMBER: US/09/130,616C
/ /
/ / CURRENT FILING DATE: 1998-08-07
/ /
/ / EARLIER APPLICATION NUMBER: 08/910,629
/ /
/ / EARLIER FILING DATE: 1997-08-03
/ /
/ / NUMBER OF SEQ ID NOS: 178
/ /
/ / SEQ ID NO 42
/ /
/ / LENGTH: 20
/ /
/ / TYPE: DNA
/ /
/ / ORGANISM: Artificial Sequence
/ /
/ / FEATURE:
/ /
/ / OTHER INFORMATION: Synthetic Sequence
/ /
/ / US-09-130-616-42

```

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels

 $\frac{1}{2}$

QY 1678 GACTTCGGCTGGCCCGG 1695  
 ||||| ||||| ||||| |||||  
 Db 1 GACTTTGGCTGGCCCGG 18

RESULT 448  
 US-09-503-172A-7/c  
 ; Sequence 7, Application US/09503172A  
 ; Patent No. 6284510  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ITO, Tetsuya  
 ; APPLICANT: FUJITA, Koki  
 ; APPLICANT: HARA, Kozi  
 ; APPLICANT: TONOSUKA, Takashi  
 ; APPLICANT: SAKANO, Yoshiyuki  
 ; TITLE OF INVENTION: BETA-FRUCTOFURANOSIDASE GENE  
 ; FILE REFERENCE: 10749-0001-0  
 ; CURRENT APPLICATION NUMBER: US/09/503,172A  
 ; CURRENT FILING DATE: 2000-02-14  
 ; PRIOR APPLICATION NUMBER: JP 160416/1999  
 ; PRIOR FILING DATE: 1999-06-08  
 ; NUMBER OF SEQ ID NOS: 9  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 7  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Arthrobacter sp.  
 US-09-503-172A-7

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
 Best Local Similarity 72.2%; Pred. No. 6.3e+02;  
 Matches 13; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 528 CCGGCCCATCTCGCAGC 545  
 |:|:|:| ||||| |:|:|:|  
 Db 19 CSGGSCCGCTCGSAGSC 2

RESULT 449  
 US-09-044-781A-14  
 ; Sequence 14, Application US/09044781A  
 ; Patent No. 6399328  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Vournakis, J.  
 ; APPLICANT: Seth, A.  
 ; APPLICANT: Papas, A.  
 ; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSIS AND TREATMENT OF  
 ; FILE REFERENCE: 10545-004-999  
 ; CURRENT APPLICATION NUMBER: US/09/044,781A  
 ; CURRENT FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/044,425  
 ; PRIOR FILING DATE: 1997-03-21  
 ; NUMBER OF SEQ ID NOS: 16  
 ; SOFTWARE: FastSeq for Windows Version 3.0  
 ; SEQ ID NO 14  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Primer  
 US-09-044-781A-14

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
 Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 52 CCGCTGCAGGTGCTGAAT 69  
 ||||| ||||| ||||| |||||  
 Db 1 CCGCTGCTGCTGCTGATT 18

RESULT 450

US-09-135-202-11/c  
 ; Sequence 11, Application US/09135202  
 ; Patent No. 6399754  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Phillip Dan Cook  
 ; APPLICANT: Andrew Kawasaki  
 ; TITLE OF INVENTION: Sugar Modified Oligonucleotides  
 ; NUMBER OF SEQUENCES: 37  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6399754ris  
 ; STREET: One Liberty Place - 46th Floor  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: U.S.A.  
 ; ZIP: 19103  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: WordPerfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/135,202  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/471,973  
 ; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Joseph Lucci  
 ; REGISTRATION NUMBER: 33,307  
 ; REFERENCE/DOCKET NUMBER: ISIS-2005  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 215-568-3100  
 ; TELEFAX: 215-568-3439  
 ; INFORMATION FOR SEQ ID NO: 11:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 bases  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; ANTI-SENSE: Yes  
 US-09-135-202-11

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
 Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGGAGGAG 861  
 ||||| ||||| ||||| |||||  
 Db 20 CTGCCAGCGGAGGAG 3

RESULT 451  
 US-09-506-073-27/c  
 ; Sequence 27, Application US/09506073  
 ; Patent No. 6410518  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Monia, Brett P.  
 ; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression  
 ; FILE REFERENCE:  
 ; CURRENT APPLICATION NUMBER: US/09/506,073  
 ; CURRENT FILING DATE: 2000-02-18  
 ; EARLIER APPLICATION NUMBER: US 09/143,214  
 ; EARLIER FILING DATE: 1998-08-28  
 ; EARLIER APPLICATION NUMBER: PCT/US98/13961  
 ; EARLIER FILING DATE: 1998-07-06  
 ; EARLIER APPLICATION NUMBER: US 08/888,982  
 ; EARLIER FILING DATE: 1997-07-07  
 ; EARLIER APPLICATION NUMBER: US 08/756,806  
 ; EARLIER FILING DATE: 1996-11-26  
 ; EARLIER APPLICATION NUMBER: PCT/US95/07111  
 ; EARLIER FILING DATE: 1995-05-31  
 ; EARLIER APPLICATION NUMBER: US 08/250,856

```

; EARLIER FILING DATE: 1994-05-31
;
; NUMBER OF SEQ ID NOS: 130
;
; SEQ ID NO 27
;
; LENGTH: 20
;
; TYPE: DNA
;
; ORGANISM: artificial sequence
;
; FEATURE:
;
; OTHER INFORMATION: antisense s
US-09-506-073-27

```

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

RESULT 452
US-09-150-661-6/c
; Sequence 6, Application US/09150661
; Patent No. 6455249
; GENERAL INFORMATION:
; APPLICANT: Heu, Ih-Chang
; APPLICANT: Highemith Jr., William E.
; APPLICANT: Shih, James
; TITLE OF INVENTION: Method of Amplifying DNA and RNA Mismatch Cleavage
; TITLE OF INVENTION: Products
; FILE REFERENCE: 1475IH
; CURRENT APPLICATION NUMBER: US/09/150,661
; CURRENT FILING DATE: 1998-09-10
; EARLIER APPLICATION NUMBER: 60/058,419
; EARLIER FILING DATE: 1997-09-10
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human breast tumor cell line
US-09-150-661-6

```

Query Match 0.4%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. NO. 6.3e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 453  
US-09-622-277-10/c  
; Sequence 10, Application US/09622277  
; Patent No. 6521407  
; GENERAL INFORMATION:  
; APPLICANT: Warenius, Hilmar Meek  
; APPLICANT: Seabra, Laurence Anthony  
; TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UPON  
; TITLE OF INVENTION: EXPRESSION OF NEGATIVE AND POSITIVE SIGNAL TRANSDUCTION FACTORS  
; FILE REFERENCE: 1417-188  
; CURRENT APPLICATION NUMBER: US/09/622,277  
; CURRENT FILING DATE: 2000-10-25  
; PRIOR APPLICATION NUMBER: PCT/GB99/00500  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: GB 9903035.5  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: GB 9814545.1  
; PRIOR FILING DATE: 1998-07-03  
; PRIOR APPLICATION NUMBER: GB 9812151.0  
; PRIOR FILING DATE: 1998-06-05  
; PRIOR APPLICATION NUMBER: GB 9803447.3  
; PRIOR FILING DATE: 1998-02-18

```

; PRIOR APPLICATION NUMBER: GB 9803446.5
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR and DNA sequencing primer for exon 7 antisense
US-09-622-277-10

```

```
Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

RESULT 454
US-09-954-560-12
; Sequence 12, Application US/09954560
; Patent No. 6524854
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF P
; FILE REFERENCE: RTS-0192
; CURRENT APPLICATION NUMBER: US/09/954,560
; CURRENT FILING DATE: 2001-09-11
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; - OTHER INFORMATION: Antisense Oligonucleotide
US-09-954-560-12

```

```
Query Match      0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16: Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

RESULT 455  
US-09-389-283-11/c  
; Sequence 11, Application US/09389283  
; Patent No. 6531584  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: A. Kawaaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584/ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/389,283

```
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/035,357
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Joseph Lucci
/ REGISTRATION NUMBER: 33,307
/ REFERENCE/DOCKET NUMBER: ISIS-2004
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-568-3100
/ TELEFAX: 215-568-3439
/ INFORMATION FOR SEQ ID NO: 11:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 bases
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ANTI-SENSE: yes
/
US-09-389-283-11

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      844 CTGCCAGCGGAGGAGG 861
Db      20 CTGCCAGCGGAGGAGG 3

RESULT 456
US-09-422-978-7832/c
/ Sequence 7832, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ EARLIER FILING DATE: 1998-04-21
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 7832
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..20
/ OTHER INFORMATION: upstream amplification primer 99-8614 for SEQ 3898,
US-09-422-978-7832

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2974 CAGAGGACCAGGCTTTT 2991
Db      20 CAGAGAACCGGCTTGT 3

RESULT 457
US-09-198-452A-6513/c
/ Sequence 6513, Application US/09198452A
/ Patent No. 6559294
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Griflais, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/09/198,452A
/ CURRENT FILING DATE: 1998-11-24
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 6513
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6513

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      743 TTCTCTCTCTTGCAACG 760
Db      19 TCCTCTCTCTAGCACACG 2

RESULT 458
US-09-953-318-97
/ Sequence 97, Application US/09953318
/ Patent No. 6710174
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPT
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: RTS-0232
/ CURRENT APPLICATION NUMBER: US/09/953,318
/ CURRENT FILING DATE: 2001-09-13
/ NUMBER OF SEQ ID NOS: 154
/ SEQ ID NO 97
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-97

Query Match          0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1352 TGGAGATGATGAAGATGA 1369
Db      1 TGGTGATGATGACGATGA 18

RESULT 459
PCT-US95-07111A-26/c
/ Sequence 26, Application PC/TUS9507111A
/ GENERAL INFORMATION:
/ APPLICANT: Monia, Brett P. and Boggs, Russell T.
/ TITLE OF INVENTION: Antisense Oligonucleotide Modulation
/ TITLE OF INVENTION: of raf Gene Expression
/ NUMBER OF SEQUENCES: 54
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 210 Lake Drive East, Suite 201
/ CITY: Cherry Hill
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08002
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: WORDPERFECT 5.1
```

```
/
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US95/07111A
/ FILING DATE: May 31, 1995
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/250,856
/ FILING DATE: May 31, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0135
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 779-2400
/ TELEFAX: (609) 779-8488
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
PCT-US95-07111A-26

Query Match 0.4%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 844 CTGCCAGCGGAGGAGGAG 861
DB 20 CTGCCAGCGGAGGAGGAG 3

RESULT 460
US-08-182-175A-24/c
; Sequence 24, Application US/08182175A
; Patent No. 5559223
; GENERAL INFORMATION:
; APPLICANT: Saverio Carl Falco
; APPLICANT: Sharon J. Keeler
; APPLICANT: Janet A. Rice
; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E.I. du Pont de Nemours and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System, 6.0
; SOFTWARE: Microsoft Word, 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,175A
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/743,006
; FILING DATE: 9 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Linda Axamethy Floyd
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 992-4929
; TELEFAX: (302) 892-7949
; TELEX: 835420
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
```

```
/
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..21
/ OTHER INFORMATION: /product= "synthetic oligonucleotide"
/ OTHER INFORMATION: /standard_name= "SM 91"
US-08-182-175A-24

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGATCAT 1370
DB 18 GGAGAAGATGAAGAAGAT 1

RESULT 461
US-08-344-960-4/c
; Sequence 4, Application US/08344960
; Patent No. 5710038
; GENERAL INFORMATION:
; APPLICANT: Mes-Masson, Anne-Marie
; APPLICANT: Provenccher, Diane
; TITLE OF INVENTION: PRIMARY CULTURES OF NORMAL AND TUMORAL
; TITLE OF INVENTION: HUMAN OVARIAN EPITHELIUM
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: NJ
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,960
; FILING DATE: 25-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson, David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1051-1-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-7800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-344-960-4

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2695 CCACCTTCCCACTGCC 2712
DB 21 CCACCTTCCCACTGCC 4

RESULT 462
```

US-08-474-633A-46/c  
; Sequence 46, Application US/08474633A  
; Patent No. 5773691  
; GENERAL INFORMATION:  
; APPLICANT: E. I. DU PONT DE NEMOURS AND  
; APPLICANT: COMPANY  
; TITLE OF INVENTION: CHIMERIC GENES AND  
; TITLE OF INVENTION: METHODS FOR INCREASING  
; TITLE OF INVENTION: INCREASING THE LYSINE  
; TITLE OF INVENTION: AND THEREONLINE CONTENT  
; TITLE OF INVENTION: OF THE SEEDS OF PLANTS  
; NUMBER OF SEQUENCES: 107  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: E. I. DU PONT DE NEMOURS  
; ADDRESSES: AND COMPANY  
; STREET: 1007 MARKET STREET  
; CITY: WILMINGTON  
; STATE: DELAWARE  
; COUNTRY: U.S.A.  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: MICROSOFT WORD VERSION 2.0C  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/474,633A  
; FILING DATE:  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BARBARA C. SIEGELL  
; REGISTRATION NUMBER: 30,684  
; REFERENCE/DOCKET NUMBER: BB-1037-C  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 302-992-4931  
; TELEFAX: 302-773-0164  
; TELEX: 835420  
; INFORMATION FOR SEQ ID NO: 46:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 1..21  
; OTHER INFORMATION: /product= "synthetic"  
; OTHER INFORMATION: oligonucleotide"  
; OTHER INFORMATION: /standard\_name= "SM"  
; OTHER INFORMATION: 91"  
US-08-474-633A-46

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 6.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGATCAT 1370  
DB 18 GGAGAGATGAAGAGAT 1

RESULT 463  
US-09-109-663-43  
; Sequence 43, Application US/09109663  
; Patent No. 6277981  
; GENERAL INFORMATION:  
; APPLICANT: Tu, Guang-Chou  
; APPLICANT: Israel, Yedy  
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF  
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES  
; FILE REFERENCE: 9855-301  
; CURRENT APPLICATION NUMBER: US/09/109,663

; CURRENT FILING DATE: 1998-07-03  
; EARLIER APPLICATION NUMBER: 60/051,705  
; EARLIER FILING DATE: 1997-07-03  
; NUMBER OF SEQ ID NOS: 81  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 43  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Candidate  
; OTHER INFORMATION: TNF(alpha) ASO  
US-09-109-663-43

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 6.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1806 CTGGTCCTTTGGGTCTT 1823  
DB 1 CTGGTCCTTTGGGTCTT 18

RESULT 464  
US-09-311-912-6  
; Sequence 6, Application US/09311912  
; Patent No. 6331393  
; GENERAL INFORMATION:  
; APPLICANT: Peter W. Laird, Cindy A. Eads and Kathleen D. Danenberg  
; TITLE OF INVENTION: PROCESS FOR HIGH THROUGHPUT DNA  
; TITLE OF INVENTION: METHYLATION ANALYSIS  
; NUMBER OF SEQUENCES: 54  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Davis Wright Tremaine LLP  
; STREET: 1501 Fourth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98101-1688  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette-3.5 inch, 1.44 MB storage  
; COMPUTER: PC compatible  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/311,912  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA: N/A  
; APPLICATION NUMBER: N/A  
; FILING DATE: N/A  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jeffrey B. Oster  
; REGISTRATION NUMBER: 32,585  
; REFERENCE/DOCKET NUMBER: 47675-9  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 628-7711  
; TELEFAX: (206) 628-7699  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; HYPOTHETICAL: NO  
US-09-311-912-6

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 6.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;



QY 857 AGGAGCTGGTGGAGGCTG 874  
|||||  
Db 1 AGGAGTTGGTGGAGGCTG 18

## RESULT 465

US-08-823-771-46/c

; Sequence 46, Application US/08823771

; Patent No. 6459019

; GENERAL INFORMATION:

; APPLICANT: E. I. DU PONT DE NEMOURS AND

; COMPANY

; TITLE OF INVENTION: CHIMERIC GENES AND  
METHODS FOR INCREASING

INCREASING THE LYSINE

AND THREONINE CONTENT

; NUMBER OF SEQUENCES: 107

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: E. I. DU PONT DE NEMOURS

; AND COMPANY

; STREET: 1007 MARKET STREET

; CITY: WILMINGTON

; STATE: DELAWARE

; COUNTRY: U.S.A.

; ZIP: 19898

; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK

; COMPUTER: IBM PC COMPATIBLE

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: MICROSOFT WORD VERSION 2.0C

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/823,771

; FILING DATE: 24-Mar-1997

; CLASSIFICATION: &lt;Unknown&gt;

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/474,633

; FILING DATE: &lt;Unknown&gt;

; ATTORNEY/AGENT INFORMATION:

; NAME: BARBARA C. STEGELL

; REGISTRATION NUMBER: 30,684

; REFERENCE/DOCKET NUMBER: BB-1037-C

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 302-992-4931

; TELEFAX: 302-773-0164

; TELEX: 835420

; INFORMATION FOR SEQ ID NO: 46:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: 1..21

; OTHER INFORMATION: /product= "synthetic

oligonucleotide"

; /standard\_name= "SM

91"

; SEQUENCE DESCRIPTION: SEQ ID NO: 46:

US-08-823-771-46

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 6.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Caps 0;

QY 1353 GGAGATGATGAGATGAT 1370

|||||

Db 18 GGAGAAGATGAGAAGAT 1

## RESULT 466

US-09-375-140-5/c

; Sequence 5, Application US/09375140  
; Patent No. 6489540  
; GENERAL INFORMATION:  
; APPLICANT: Kavanagh, T.  
; APPLICANT: Lao, N.  
; TITLE OF INVENTION: A NOVEL PLASTID-TARGETING NUCLEIC ACID SEQUENCE. A  
TITLE OF INVENTION: NOVEL BETA-AMYLASE SEQUENCE, A STIMULUS-RESPONSIVE  
TITLE OF INVENTION: PROMOTER AND USES THEREOF  
FILE REFERENCE: 9341-017  
CURRENT APPLICATION NUMBER: US/09/375,140  
CURRENT FILING DATE: 1999-08-16  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 5  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-375-140-5

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 6.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Caps 0;

QY 2213 AACAAATGTGAGGGTCCC 2230

|||||

Db 19 AACAAATGTGAGGGATCCC 2

## RESULT 467

US-09-526-193A-204

; Sequence 204, Application US/09526193A

; Patent No. 6617122

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Fimstone, Simon N.

; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING

; TITLE OF INVENTION: CHOLESTEROL LEVELS

; FILE REFERENCE: 50110/002005

; CURRENT APPLICATION NUMBER: US/09/526,193A

; CURRENT FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: 60/151,977

; PRIOR FILING DATE: 1999-09-01

; NUMBER OF SEQ ID NOS: 287

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 204

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-526-193A-204

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 6.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Caps 0;

QY 497 ACACGCTGGACGTGCTGG 514

|||||

Db 1 ACACGCTGGGGTGTGCTGG 18

## RESULT 468

US-09-657-472-737/c

; Sequence 737, Application US/09657472

; Patent No. 6727063

; GENERAL INFORMATION:

APPLICANT: Lander, Eric S.  
APPLICANT: Cargill, Michele  
APPLICANT: Ireland, James S.  
APPLICANT: Bolk, Stacey  
APPLICANT: Daley, George Q.  
APPLICANT: McCarthy, Jeanette J.  
TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES  
FILE REFERENCE: 2825.1027-001  
CURRENT APPLICATION NUMBER: US/09/657,472  
PRIOR FILING DATE: 2000-09-07  
PRIOR APPLICATION NUMBER: US 60/153,357  
PRIOR FILING DATE: 1999-09-10  
PRIOR APPLICATION NUMBER: US 60/220,947  
PRIOR FILING DATE: 2000-07-26  
PRIOR APPLICATION NUMBER: US 60/225,724  
PRIOR FILING DATE: 2000-08-16  
NUMBER OF SEQ ID NOS: 2551  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 737  
LENGTH: 21  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-657-472-737

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 80.8%; Pred. No. 6.7e+02;  
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1386 CATCATCAACCTGCTGGCG 1405  
DB 20 CAACATCCAYGTGCTGGCG 1

RESULT 469  
PCT-US92-06412-24/c  
Sequence 24, Application PC/TUS9206412  
GENERAL INFORMATION:  
APPLICANT: Saverio Carl Falco  
APPLICANT: Sharon J. Keeler  
APPLICANT: Janet A. Rice  
TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containing F  
NUMBER OF SEQUENCES: 113  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: E. I. du Pont de Nemours and Company  
STREET: 1007 Market Street  
CITY: Wilmington  
STATE: Delaware  
COUNTRY: USA  
ZIP: 19898  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: Macintosh  
OPERATING SYSTEM: Macintosh System, 6.0  
SOFTWARE: Microsoft Word, 4.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/06412  
FILING DATE: 19920807  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/743,006  
FILING DATE: 9 August 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Linda Axamethy Floyd  
REGISTRATION NUMBER: 33,692  
REFERENCE/DOCKET NUMBER: BB-1031  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (302) 992-4929  
TELEFAX: (302) 892-7949  
TELEX: 835420  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: NUCLEIC ACID

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: misc\_feature  
LOCATION: 1..21  
OTHER INFORMATION: /product= "synthetic oligonucleotide"  
OTHER INFORMATION: /standard\_name= "SM 91"  
PCT-US92-06412-24

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 6.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGATGAT 1370  
DB 18 GGAGAGATGAAGAGAT 1

RESULT 470  
PCT-US95-14418-35/c  
Sequence 35, Application PC/TUS9514418  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: DNA Encoding a Thermostable DNA Polymerase Enzyme  
NUMBER OF SEQUENCES: 51  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/14418  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gass, David A.  
REGISTRATION NUMBER: 38,153  
REFERENCE/DOCKET NUMBER: 28003/32330  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US95-14418-35

Query Match 0.4%; Score 14.8; DB 1; Length 21;  
Best Local Similarity 88.9%; Pred. No. 6.7e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701  
DB 20 TCCAGGCTTCCCACTTC 3

RESULT 471  
PCT-US95-14418-36  
Sequence 36, Application PC/TUS9514418  
GENERAL INFORMATION:  
APPLICANT:

```
;
; APPLICANT:
; TITLE OF INVENTION: DNA Encoding a Thermostable DNA Polymerase Enzyme
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/14418
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28003/32330
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-14418-36

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTTC 19

RESULT 472
PCT-US95-15327-35/c
; Sequence 35, Application PC/TUS9515327
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Biologically Active Fragments of
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/15327
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28003/31716
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-15327-36

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTTC 19

RESULT 473
PCT-US95-15327-36
; Sequence 36, Application PC/TUS9515327
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Biologically Active Fragments of
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/15327
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28003/31716
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-15327-36

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTTC 19

RESULT 474
US-09-725-265-6
; Sequence 6, Application US/09725265
; Patent No. 6492121
```

```
;
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-15327-35

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTTC 3

RESULT 473
PCT-US95-15327-36
; Sequence 36, Application PC/TUS9515327
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Biologically Active Fragments of
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/15327
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 28003/31716
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; PCT-US95-15327-36

Query Match 0.4%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 6.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2684 TCCAGGCTTCCCACTTC 2701
Db 2 TCCAGGCTTCCCACTTC 19

RESULT 474
US-09-725-265-6
; Sequence 6, Application US/09725265
; Patent No. 6492121
```

```

; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-6

Query Match          0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTGCTTGTCTCTTTT 3284
DB 5 ATATTTTTTTTGTGTTTTTTTTTTT 30

RESULT 475
US-09-725-265-7
; Sequence 7, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-7

Query Match          0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTGCTTGTCTCTTTT 3284
DB 5 ATATTTTTTTTGTGTTTTTTTTTTT 30

RESULT 476
US-09-725-265-12
; Sequence 12, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-12

Query Match          0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTGCTTGTCTCTTTT 3284
DB 5 ATATTTTTTTTGTGTTTTTTTTTTT 30

RESULT 477
US-09-556-127-6
; Sequence 6, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 6
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-6

Query Match          0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTGCTTGTCTCTTTT 3284
DB 5 ATATTTTTTTTGTGTTTTTTTTTTT 30
```

```

; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-6

Query Match      0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3284
Db 5 ATATTTTTTTTGTCTTTTCTTTT 30

RESULT 478
US-09-556-127-7
; Sequence 7, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-7

Query Match      0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3284
Db 5 ATATTTTTTTTGTCTTTTCTTTT 30

RESULT 479
US-09-556-127-12
; Sequence 12, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1

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; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-12

Query Match      0.4%; Score 14.8; DB 1; Length 30;
Best Local Similarity 73.1%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3284
Db 5 ATATTTTTTTTGTCTTTTCTTTT 30

RESULT 480
US-08-173-489C-19
; Sequence 19, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; DESCRIPTION: n-myc gene (Accession # Y00664)
; DESCRIPTION: nucleotides 4691 to 4725
; HYPOTHETICAL: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; AUTHORS: Ibsen, J M, Rabbitts, P H.
; TITLE: Sequence of a germ-line N-myc
; Patent No. 5861244
; TITLE: gene and amplification as a mechanism of
; TITLE: activation
; JOURNAL: Oncogene

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; VOLUME: 2
; PAGES: 399-402
; DATE: 1988
; RELEVANT RESIDUES IN SEQ ID NO: 19 : FROM 1 TO 35
US-08-173-489C-19
Query Match 0.4%; Score 14.8; DB 1; Length 35;
Best Local Similarity 64.7%; Pred. No. 1.2e+03;
Matches 22; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3300 TTTATAGGATTTTCTTTAGGAGATTTATTTT 3333
DB 1 TTTTCTATCTTTTCTTTTCTTTTCTTTTCTTTT 34

RESULT 481
US-07-875-167-2
; Sequence 2, Application US/07875167
; Patent No. 5298583
; GENERAL INFORMATION:
; APPLICANT: Ludger Heiliger; Hans-Ulrich Siegmund;
; APPLICANT: Herbert Hugi; Antonius Lobberding;
; APPLICANT: Eberhard Kuckert; Bruno Bomer; Thomas
; APPLICANT: Bocker; Gunter Franke
; TITLE OF INVENTION: POLYMER DYE/STUFFS AND
; TITLE OF INVENTION: PREPARATION AND USE THEREOF
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SPRUNG HORN KRAMER & WOODS
; STREET: 1140 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 1.2 MB
; MEDIUM TYPE: Storage
; COMPUTER: NEC Powermate 1 Plus
; OPERATING SYSTEM: DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/875,167
; FILING DATE: 19920428
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: P 41 14 482.1 (Germany)
; FILING DATE: May 3, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kurt G. Briscoe
; REGISTRATION NUMBER: 33,141
; REFERENCE/DOCKET NUMBER: Bayer 8431-KGB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 391-0520
; TELEFAX: (212) 382-0949
; TELEX: 423092 NYP UI
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 Nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-07-875-167-2
Query Match 0.4%; Score 14.8; DB 1; Length 42;
Best Local Similarity 64.7%; Pred. No. 1.3e+03;
Matches 22; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3301 TCTATAGGATTTTCTTTAGGAGATTTATTTT 3334
DB 2 TCTACTGGCTCTTTTCTTTTCTTTTCTTTTCTTT 35

RESULT 482

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US-08-287-164-2
; Sequence 2, Application US/08287164
; Patent No. 5587443
; GENERAL INFORMATION:
; APPLICANT: Ludger Heiliger
; APPLICANT: Adolf Schmidt
; APPLICANT: Joachim Probst
; TITLE OF INVENTION: Polymerizable Emulsifiers and
; TITLE OF INVENTION: Reactive Groups and Polymers of Emulsifiers and
; TITLE OF INVENTION: Other Monomers
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Connolly and Hutz
; STREET: 1220 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: U.S.A.
; ZIP: 19899
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM/PC or Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/287,164
; FILING DATE: 08-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/003,641
; FILING DATE: 13-JAN-1993
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 bases
; TYPE: Nucleic Acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
US-08-287-164-2
Query Match 0.4%; Score 14.8; DB 1; Length 42;
Best Local Similarity 64.7%; Pred. No. 1.3e+03;
Matches 22; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 3301 TCTATAGGATTTTCTTTAGGAGATTTATTTT 3334
DB 2 TCTACTGGCTCTTTTCTTTTCTTTTCTTTTCTTT 35

RESULT 483
US-09-827-289-18
; Sequence 18, Application US/09827289
; Patent No. 6777183
; GENERAL INFORMATION:
; APPLICANT: Abarzua, Patricio
; TITLE OF INVENTION: Process for Allele Discrimination Using Primer
; TITLE OF INVENTION: Extension
; FILE REFERENCE: 469290-55
; CURRENT APPLICATION NUMBER: US/09/827,289
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: U.S. 60/194843
; PRIOR FILING DATE: 2000-04-05
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 18
; LENGTH: 45
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: P1 primer for
; OTHER INFORMATION: use in allele discrimination
US-09-827-289-18
Query Match 0.4%; Score 14.8; DB 1; Length 45;
Best Local Similarity 73.1%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

```

QY 3262 TATTTTATTTGCTTTCCTCTTTTCA 3287  
DB 12 TTTTATTTTATTTTATTTTATTTTCA 37

RESULT 484  
US-09-827-289-14  
; Sequence 14, Application US/09827289  
; Patent No. 6777183  
; GENERAL INFORMATION:  
; APPLICANT: Abarzua, Patricia  
; TITLE OF INVENTION: Process for Allele Discrimination Using Primer  
; FILE REFERENCE: Extension  
; CURRENT APPLICATION NUMBER: US/09/827,289  
; PRIOR FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: U.S. 60/194843  
; PRIOR FILING DATE: 2000-04-05  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 45  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: P1 primer for  
; OTHER INFORMATION: use in allele discrimination  
US-09-827-289-14

Query Match 0.4%; Score 14.8; DB 1; Length 45;  
Best Local Similarity 73.1%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTTATTTGCTTTCCTCTTTTCA 3287  
DB 12 TTTTATTTTATTTTATTTTATTTTCA 37

RESULT 485  
US-09-827-289-14/c  
; Sequence 14, Application US/09827289  
; Patent No. 6777183  
; GENERAL INFORMATION:  
; APPLICANT: Abarzua, Patricia  
; TITLE OF INVENTION: Process for Allele Discrimination Using Primer  
; FILE REFERENCE: Extension  
; CURRENT APPLICATION NUMBER: US/09/827,289  
; PRIOR FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: U.S. 60/194843  
; PRIOR FILING DATE: 2000-04-05  
; NUMBER OF SEQ ID NOS: 35  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 45  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: P1 primer for  
; OTHER INFORMATION: use in allele discrimination  
US-09-827-289-14

Query Match 0.4%; Score 14.8; DB 1; Length 45;  
Best Local Similarity 59.5%; Pred. No. 1.3e+03;  
Matches 25; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAGATCATCGGAAACACAAACATCATCAA 1394  
DB 45 GGAGAGGTGAAAAAATAAAAAAATAAAAAAATAAAAAA 4

RESULT 486

US-08-850-961-4  
; Sequence 4, Application US/08850961  
; Patent No. 6013517  
; GENERAL INFORMATION:  
; APPLICANT: Reepess, James G.  
; APPLICANT: De Polo, Nicholas J.  
; APPLICANT: Chada, Sunil  
; APPLICANT: Sauter, Sybille  
; APPLICANT: Bodner, Mordechai  
; APPLICANT: Driver, David A.  
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Chiron Corporation, Intellectual Property - R440  
; STREET: P.O. Box 8097  
; CITY: Emeryville  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94662-8097  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/850,961  
; FILING DATE: 05-MAY-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kruse, No. 6013517man J.  
; REGISTRATION NUMBER: 35,235  
; REFERENCE/DOCKET NUMBER: 930049.424C4 / 1147.005  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (510) 601-3520  
; TELEFAX: (510) 655-3542  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-850-961-4

Query Match 0.4%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 7.6e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2828 ATACATATATATATATATACAT 2848  
DB 1 ATATATATATATCGATACCAT 21

RESULT 487  
US-09-479-776-4  
; Sequence 4, Application US/09479776  
; Patent No. 6333195  
; GENERAL INFORMATION:  
; APPLICANT: Reepess, James G.  
; APPLICANT: De Polo, Nicholas J.  
; APPLICANT: Chada, Sunil  
; APPLICANT: Sauter, Sybille  
; APPLICANT: Bodner, Mordechai  
; APPLICANT: Driver, David A.  
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CHIRON CORPORATION  
; STREET: INTELLECTUAL PROPERTY-R440  
; P.O. BOX 8097  
; CITY: EMERYVILLE  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94662-8097





```
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/078,759
/ FILING DATE: 17 JUNE 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Paul Louis Myers
/ REGISTRATION NUMBER: 35,965
/ REFERENCE/DOCKET NUMBER: TNI-001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 227-7400
/ TELEFAX: (617) 227-4951
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ US-08-427-863-2

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479
Db 16 ATATATAGCTATATAT 1

RESULT 492
US-07-971-978-2
; Sequence 2, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: 6-aza-thymidine substitution
; US-08-427-863-2

QY 3464 ATATATATCTATATAT 3479
Db 1 ATATATAGCTATATAT 16

RESULT 491
US-08-427-863-2/c
; Sequence 2, Application US/08427863
; Patent No. 5593834
; GENERAL INFORMATION:
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and
; APPLICANT: FALDASZ, Brian D.
; TITLE OF INVENTION: METHOD OF PREPARING DNA SEQUENCES WITH KNOWN
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/427,863
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17 JUNE 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TNI-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-427-863-2
```

FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 6-aza-thymidine substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 6-aza-thymidine substitution  
US-07-971-978-2

Query Match 0.4%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATAT 2839  
Db 1 ATATATATATATAT 16

RESULT 493  
US-07-971-978-2/c  
Sequence 2, Application US/07971978  
Patent No. 5614617  
GENERAL INFORMATION:  
APPLICANT: Cook and Sanghvi  
TITLE OF INVENTION: Nuclease Resistant, Pyrimidine  
TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate  
TITLE OF INVENTION: Gene Expression  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and  
ADDRESSEE: No. 5614617ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/971,978  
FILING DATE: February 18, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/558,806  
FILING DATE: July 27, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucchi  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-0333  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 2  
OTHER INFORMATION: 6-aza-thymidine substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 4  
OTHER INFORMATION: 6-aza-thymidine substitution  
FEATURE:  
NAME/KEY: Modified-site

LOCATION: 6  
OTHER INFORMATION: 6-aza-thymidine substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 8  
OTHER INFORMATION: 6-aza-thymidine substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 10  
OTHER INFORMATION: 6-aza-thymidine substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 12  
OTHER INFORMATION: 6-aza-thymidine substitution  
FEATURE:  
NAME/KEY: Modified-site  
LOCATION: 14  
OTHER INFORMATION: 6-aza-thymidine substitution  
US-07-971-978-2

Query Match 0.4%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATAT 2839  
Db 16 ATATATATATATAT 1

RESULT 494  
US-08-153-051B-58  
Sequence 58, Application US/08153051B  
Patent No. 5645986  
GENERAL INFORMATION:  
APPLICANT: Michael D. West  
APPLICANT: Jerry W. Shay  
APPLICANT: Woodring E. Wright  
APPLICANT: Elizabeth Blackburn  
APPLICANT: Nam Woo Kim  
APPLICANT: Calvin B. Harley  
APPLICANT: Scott L. Weinrich  
APPLICANT: Catherine Strahl  
APPLICANT: Michael J. McEachern  
APPLICANT: Homayoun Vaziri  
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE  
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Fast-SEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/153,051B  
FILING DATE: No. 5645986ember 12, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/038,766  
FILING DATE: March 24, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 204/195  
TELECOMMUNICATION INFORMATION:

```
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-153-051B-58

Query Match      0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
Db 1 TGGGTGTGTGTGTGTG 16

RESULT 495
US-08-060-952C-57
/ Sequence 57, Application US/08060952C
/ Patent No. 5695932
/ GENERAL INFORMATION:
/ APPLICANT: Michael D. West
/ APPLICANT: Jerry W. Shay
/ APPLICANT: Woodring B. Wright
/ APPLICANT: Elizabeth Blackburn
/ TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
/ TITLE OF INVENTION: RELATED TO TELOMERE LENGTH AND/OR
/ NUMBER OF SEQUENCES: 57
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/060,952C
/ FILING DATE: May 13, 1993
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/882,438
/ FILING DATE: May 13, 1992
/ APPLICATION NUMBER: 08/038,766
/ FILING DATE: March 24, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 202/045
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-060-952C-57

Query Match      0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
Db 1 TGGGTGTGTGTGTGTG 16

RESULT 496
US-08-151-477A-58
/ Sequence 58, Application US/08151477A
/ Patent No. 5830644
/ GENERAL INFORMATION:
/ APPLICANT: Michael D. West
/ APPLICANT: Jerry W. Shay
/ APPLICANT: Woodring B. Wright
/ APPLICANT: Elizabeth Blackburn
/ APPLICANT: Nam Woo Kim
/ APPLICANT: Calvin B. Harley
/ APPLICANT: Scott L. Weinrich
/ APPLICANT: Catherine Strahl
/ APPLICANT: Michael J. McEachern
/ APPLICANT: Homayoun Vaziri
/ TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
/ TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE
/ NUMBER OF SEQUENCES: 58
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/151,477A
/ FILING DATE: No. 5830644ember 12, 1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/038,766
/ FILING DATE: March 24, 1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 202/189
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 16 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-151-477A-58

Query Match      0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
Db 1 TGGGTGTGTGTGTGTG 16

RESULT 497
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Thu Oct 28 12:48:24 2004

vivlemore401-10.rn1

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US-08-173-489C-167/c
; Sequence 167, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/969,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: 09518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; DESCRIPTION: hepatitis B virus ayw isolate,
; DESCRIPTION: nucleotides 2771 to 2786
; HYPOTHEICAL: no
; ANTI-SENSE: no
; ORIGINAL SOURCE:
; ORGANISM: Hepatitis B virus
; INDIVIDUAL ISOLATE: ayw
; PUBLICATION INFORMATION:
; AUTHORS: Galibert, F., Mandart, E., Fitoussi, F.,
; AUTHORS: Tiollais, P., Charnay, P.,
; TITLE: Nucleotide sequence of the
; TITLE: Hepatitis B virus genome (subtype ayw) cloned
; TITLE: in E coli
; JOURNAL: Nature
; VOLUME: 281
; PAGES: 646-650
; DATE: 1979
; RELEVANT RESIDUES IN SEQ ID NO: 167 :FROM 1 TO 16
US-08-173-489C-167

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

US-08-173-489C-167
QY 923 TCTTCCTCTTCCTCT 938
Db 16 TCTTCCTCTTCCTCT 1

RESULT 498
US-08-819-867-80

US-08-173-489C-167/c
; Sequence 167, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/969,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: 09518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; DESCRIPTION: hepatitis B virus ayw isolate,
; DESCRIPTION: nucleotides 2771 to 2786
; HYPOTHEICAL: no
; ANTI-SENSE: no
; ORIGINAL SOURCE:
; ORGANISM: Hepatitis B virus
; INDIVIDUAL ISOLATE: ayw
; PUBLICATION INFORMATION:
; AUTHORS: Galibert, F., Mandart, E., Fitoussi, F.,
; AUTHORS: Tiollais, P., Charnay, P.,
; TITLE: Nucleotide sequence of the
; TITLE: Hepatitis B virus genome (subtype ayw) cloned
; TITLE: in E coli
; JOURNAL: Nature
; VOLUME: 281
; PAGES: 646-650
; DATE: 1979
; RELEVANT RESIDUES IN SEQ ID NO: 167 :FROM 1 TO 16
US-08-173-489C-167

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

US-08-173-489C-167
QY 923 TCTTCCTCTTCCTCT 938
Db 16 TCTTCCTCTTCCTCT 1

RESULT 498
US-08-819-867-80

US-08-819-867-80
; Sequence 80, Application US/08819867
; Patent No. 6007989
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Meeachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/153,051
; FILING DATE: No. 6007989ember 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-819-867-80

Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

US-08-819-867-80
QY 2318 TGTGTGTGTGTGTGTG 2333
Db 1 TGGGTGTGTGTGTGTG 16

RESULT 499
US-08-763-417-1
; Sequence 1, Application US/08763417
; Patent No. 6027884
; GENERAL INFORMATION:
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and
; APPLICANT: FALDASZ, Brian D.

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;/ TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF  
;/ TITLE OF INVENTION: NUCLEIC ACID SEQUENCES  
;/ NUMBER OF SEQUENCES: 8  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: LAHIVE & COCKFIELD  
;/ STREET: 60 State Street, suite 510  
;/ CITY: Boston  
;/ STATE: Massachusetts  
;/ COUNTRY: USA  
;/ ZIP: 02109  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: Floppy disk  
;/ COMPUTER: IBM PC compatible  
;/ OPERATING SYSTEM: PC-DOS/MS-DOS  
;/ SOFTWARE: ASCII text  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/763,417  
;/ FILING DATE:  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/260,200  
;/ FILING DATE: 17-JUN-1994  
;/ APPLICATION NUMBER: US 08/224,840  
;/ FILING DATE: 8-APR-1994  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US 08/078,759  
;/ FILING DATE: 17-JUN-1993  
;/ CLASSIFICATION: 435  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Paul Louis Myers  
;/ REGISTRATION NUMBER: 35,965  
;/ REFERENCE/DOCKET NUMBER: TMI-010  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (617) 227-7400  
;/ TELEFAX: (617) 227-4951  
;/ INFORMATION FOR SEQ ID NO: 1:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 16 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: double  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: cdna  
;/ US-08-763-417-1

Query Match 0.4%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred.No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479  
Db 1 ATATATAGCTATATAT 16

RESULT 500  
US-08-763-417-1/c  
; Sequence 1, Application US/08763417  
; Patent No. 6027884  
; GENERAL INFORMATION:  
; APPLICANT: LANE, Michael J., BENIGHT, Albert S., and  
; APPLICANT: FALDASZ, Brian D.  
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF  
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD  
; STREET: 60 State Street, suite 510  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

;/ COMPUTER: IBM PC compatible  
;/ OPERATING SYSTEM: PC-DOS/MS-DOS  
;/ SOFTWARE: ASCII text  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/763,417  
;/ FILING DATE:  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/260,200  
;/ FILING DATE: 17-JUN-1994  
;/ APPLICATION NUMBER: US 08/224,840  
;/ FILING DATE: 8-APR-1994  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: US 08/078,759  
;/ FILING DATE: 17-JUN-1993  
;/ CLASSIFICATION: 435  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Paul Louis Myers  
;/ REGISTRATION NUMBER: 35,965  
;/ REFERENCE/DOCKET NUMBER: TMI-010  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (617) 227-7400  
;/ TELEFAX: (617) 227-4951  
;/ INFORMATION FOR SEQ ID NO: 1:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 16 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: double  
;/ TOPOLOGY: linear  
;/ MOLECULE TYPE: cdna  
;/ US-08-763-417-1

Query Match 0.4%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred.No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479  
Db 16 ATATATAGCTATATAT 1

RESULT 501  
US-08-464-011B-57  
; Sequence 57, Application US/08464011B  
; Patent No. 6368789  
; GENERAL INFORMATION:  
; APPLICANT: Michael D. West  
; Jerry W. Shay  
; Woodring B. Wright  
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS  
; RELATED TO TELOMERE LENGTH AND/OR  
; TELOMERASE ACTIVITY  
; NUMBER OF SEQUENCES: 61  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/464,011B  
; FILING DATE: 05-Jun-1995  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:

Thu Oct 28 12:48:24 2004

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; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 57:
US-08-464-011B-57
Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred.No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
DB 1 TGGGTGTGTGTGTGTG 16

RESULT 502
US-09-378-535-80
; Sequence 80, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <unknown>

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```

; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 80:
US-09-378-535-80
Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred.No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333
DB 1 TGGGTGTGTGTGTGTG 16

RESULT 503
US-09-371-772B-5819
; Sequence 5819, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371.772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5819
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-5819
Query Match 0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 75.0%; Pred.No. 5.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1295 TGAAGATGCTGAAGA 1310
DB 1 UGAAAAUGCUGAAGA 16

RESULT 504
US-09-371-772B-5848
; Sequence 5848, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

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```
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5848
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5848

Query Match          0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 5.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1658 ACAACGTGATGAAGAT 1673
Db      |||||.:|||:
1 ACAACGUGUGAAGAU 16

RESULT 505
US-09-371-772B-6071
; Sequence 6071, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6071
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6071

Query Match          0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 50.0%; Pred. No. 5.2e+02;
Matches 8; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 2321 GGTGTGTGTGTGCGT 2336
Db      |:|:|:|:|:|:|:
1 GUGUGUGUGUGUGGU 16

RESULT 506
PCT-US94-06799-1
; Sequence 1, Application PC/TUS9406799
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
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; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
PCT-US94-06799-1

Query Match          0.4%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 5.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479
Db      |||||:|||||
1 ATATATAGCTATATAT 16

RESULT 507
PCT-US94-06799-1/c
; Sequence 1, Application PC/TUS9406799
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THERMODYNAMICS, DESIGN, AND USE OF
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES
; NUMBER OF SEQUENCES: 8
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/06799
; FILING DATE: 17-JUN-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/224,840
; FILING DATE: 8-APR-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,759
; FILING DATE: 17-JUN-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul Louis Myers
; REGISTRATION NUMBER: 35,965
; REFERENCE/DOCKET NUMBER: TMI-010PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-4951
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
```

TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
PCT-US94-06799-1

Query Match 0.4%; Score 14.4; DB 1; Length 16;  
Best Local Similarity 93.8%; Pred. No. 5.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3464 ATATATATCTATATAT 3479  
DB 16 ATATATAGCTATATAT 1

RESULT 508  
US-08-373-124A-1056/c  
; Sequence 1056, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1056:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-1056

Query Match 0.4%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2833 TATATATATATAACAT 2848  
DB 17 TATATATATATAAAT 2

RESULT 509  
US-08-435-628-1056/c  
; Sequence 1056, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1056:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1056

Query Match 0.4%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 5.6e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2833 TATATATATATAACAT 2848  
DB 17 TATATATATATAAAT 2



## RESULT 510

US-08-292-620A-1663  
; Sequence 1663, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:

APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1663:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-292-620A-1663

Query Match 0.4%; Score 14.4; DB 1; Length 17;

Best Local Similarity 68.8%; Pred. No. 5.6e+02;

Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTTCAAGCTG 1893

||||:|||||

1 GAAGCUCUUAAGCUG 16

## RESULT 511

US-08-292-620A-2011  
; Sequence 2011, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

two

APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/292,620A

FILING DATE: August 17, 1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:

APPLICATION NUMBER: 08/008,895

FILING DATE: January 19, 1993

APPLICATION NUMBER: 07/989,849

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/149

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 2011:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-292-620A-2011

Query Match 0.4%; Score 14.4; DB 1; Length 17;

Best Local Similarity 68.8%; Pred. No. 5.6e+02;

Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTTCAAGCTG 1893

||||:|||||

1 GAAGCUCUUAAGCUG 16

## RESULT 512

US-09-071-845-1663

; Sequence 1663, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb

APPLICANT: James McSwiggen

APPLICANT: Sean Sullivan

APPLICANT: Kenneth G. Draper

TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS

TITLE OF INVENTION: RELATED TO LEVELS OF

TITLE OF INVENTION: INTRACELLULAR ADHESION

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/ TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/071,845
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1663:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-071-845-1663

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Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.6e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

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QY 1878 GGAGCTCTTCAAGCTG 1893
DB 1 GAAGCUCUUCACGUG 16

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RESULT 513
US-09-071-845-2011
/ Sequence 2011, Application US/09071845
/ Patent No. 6132967
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grimm
/ APPLICANT: Dan T. Stinchcomb
/ APPLICANT: James McSwiggen
/ APPLICANT: Sean Sullivan
/ APPLICANT: Kenneth G. Draper
/ TITLE OF INVENTION: RIBOZYME TREATMENT OF
/ TITLE OF INVENTION: DISEASES OR CONDITIONS
/ TITLE OF INVENTION: RELATED TO LEVELS OF
/ TITLE OF INVENTION: INTRACELLULAR ADHESION
/ TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
/ NUMBER OF SEQUENCES: 2390
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles

```

```

/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/071,845
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/292,620
/ FILING DATE: August 17, 1994
/ APPLICATION NUMBER: 08/008,895
/ FILING DATE: January 19, 1993
/ APPLICATION NUMBER: 07/989,849
/ FILING DATE: December 7, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 2011:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-071-845-2011

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```

Query Match 0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.6e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

```

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QY 1878 GGAGCTCTTCAAGCTG 1893
DB 1 GAAGCUCUUCACGUG 16

```

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RESULT 514
US-08-584-040-5783
/ Sequence 5783, Application US/08584040
/ Patent No. 6346398
/ GENERAL INFORMATION:
/ APPLICANT: Pavco, Pamela
/ APPLICANT: McSwiggen, James
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
/ TITLE OF INVENTION: GROWTH FACTOR
/ NUMBER OF SEQUENCES: 8502
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0

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SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 5783:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5783

Query Match 0.4%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.6e+02;  
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1608 GAAGTGCATCCACAGG 1623  
DB 2 GAAGUGUAUCCACAGG 17

RESULT 515  
US-09-371-772B-2650  
Sequence 2650, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 2650  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Mus sp.  
US-09-371-772B-2650

Query Match 0.4%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 5.6e+02;  
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1608 GAAGTGCATCCACAGG 1623  
DB 2 GAAGUGUAUCCACAGG 17

RESULT 516  
US-09-371-772B-4753  
Sequence 4753, Application US/09371772B  
Patent No. 6566127

GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 4753  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-4753

Query Match 0.4%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 5.6e+02;  
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1393 AACCTGCTGGCGCCT 1408  
DB 2 AACUCUGGGAGCCU 17

RESULT 517  
US-09-371-772B-6732  
Sequence 6732, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6732  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6732

Query Match 0.4%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 5.6e+02;  
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1619 ACAGGACCTGGCTGC 1634  
DB 1 ACAGGACCTGGCGGC 16

RESULT 518  
US-09-866-108A-2002/c  
Sequence 2002, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:



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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2005

Query Match          0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1487 GGCCCCCGGGCTGGA 1502
      |||||
Db 17 GGCCCCCGGGCTGGA 2

RESULT 521
US-09-866-108A-2006/c
; Sequence 2006, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7995
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7995

Query Match          0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1992 CACCTTCAAGCAGCTG 2007
      |||||
Db 2 CACCATCAAGCAGCTG 17

RESULT 523
US-09-866-108A-7997
; Sequence 7997, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2006
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2006

Query Match          0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1487 GGCCCCCGGGCTGGA 1502
      |||||
Db 16 GGCCCCCGGGCTGGA 1

RESULT 522
US-09-866-108A-7995
; Sequence 7995, Application US/09866108A
; Patent No. 6686188
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7997
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-7997

Query Match      0.4%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1993 ACCTTCAGCAGCTGG 2008
DB 1 ACCATCAAGCAGCTGG 16

RESULT 524
US-08-737-825-12
; Sequence 12, Application US/08737825
; Patent No. 5871922
; GENERAL INFORMATION:
; APPLICANT: SALMOND, GEORGE PEACOCK COPELAND
; APPLICANT: MCGOWAN, SIMON JAMES
; APPLICANT: SEBAHIA, MOHAMMED
; APPLICANT: COX, ANTHONY RICHARD JOHN
; APPLICANT: HOLDEN, MATTHEW THOMAS GEOFFREY
; APPLICANT: PORTER, LAUREN ELIZABETH
; APPLICANT: BYCROFT, BARRIE WALSHAM
; APPLICANT: WILLIAMS, PAUL
; APPLICANT: STEWART, GORDON SIDNEY ANDERSON BIRNIE
; TITLE OF INVENTION: GENES INVOLVED IN THE BIOSYNTHETIC PATHWAY OF CARBAPENEM
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolaech & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/737,825
; FILING DATE: 03-JUN-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: SVENSSON, LEONARD R.
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 1009-0105P
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; TELEX: 248345

```

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; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "OLIGONUCLEOTIDE PRIMER"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-737-825-12

Query Match      0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1599 GGCCTCCAGAGTGC 1614
DB 3 GTCTCTCCAGAGTGC 18

RESULT 525
US-08-585-684B-2739/c
; Sequence 2739, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2739:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2739

Query Match      0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2899 ACAGGAGGCGGCATG 2914  
Db 16 ACAGGAGGCGGCATG 1

RESULT 526  
US-08-577-081A-32/c  
; Sequence 32, Application US/08577081A  
; Patent No. 6030775  
; GENERAL INFORMATION:  
; APPLICANT: Yang, Soo Young  
; APPLICANT: Ceréb, Nezh  
; TITLE OF INVENTION: Methods and Reagents for Typing HLA  
; TITLE OF INVENTION: Class I Genes  
; NUMBER OF SEQUENCES: 84  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Oppedahl & Larson  
; STREET: 1992 Commerce Street Suite 309  
; CITY: Yorktown  
; STATE: NY  
; COUNTRY: US  
; ZIP: 10598  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS DOS  
; SOFTWARE: Word Perfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/577,081A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Larson, Marina T.  
; REGISTRATION NUMBER: 32,038  
; REFERENCE/DOCKET NUMBER: MSK.P-001-US  
; TELEPHONE: (914) 245-3252  
; TELEFAX: (914) 962-4330  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 32:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; HYPOTHETICAL: no  
; ANTI-SENSE: no  
; FRAGMENT TYPE: internal  
; ORIGINAL SOURCE:  
; ORGANISM: human  
; FEATURE:  
; OTHER INFORMATION: locus specific amplification primer for  
; OTHER INFORMATION: HLA-C gene  
US-08-577-081A-32

Query Match 0.4%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1412 CGCAGGCGGCGCCCT 1427  
Db 17 CGCCGCGGCGGCGCCCT 2

RESULT 527  
US-09-165-543-24  
; Sequence 24, Application US/09165543  
; Patent No. 6093545  
; GENERAL INFORMATION:

; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann  
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD, LLP  
; STREET: 28 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/165,543  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/042,780  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Elizabeth A. Hanley  
; REGISTRATION NUMBER: 33,505  
; REFERENCE/DOCKET NUMBER: MNI-032CP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617)227-7400  
; TELEFAX: (617)742-4214  
; INFORMATION FOR SEQ ID NO: 24:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
US-09-165-543-24

Query Match 0.4%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3658 GCCTGCAGGCGGCATGG 3673  
Db 1 GCCTGCAGGCGGCATGG 16

RESULT 528  
US-09-038-073-2739/c  
; Sequence 2739, Application US/09038073  
; Patent No. 6194150  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ Version 1.5

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2739:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-2739
;
; Query Match 0.4%; Score 14.4; DB 1; Length 18;
; Best Local Similarity 93.8%; Pred. No. 6.1e+02;
; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 2899 ACAGGGGCGAGCATG 2914
; DB ||||| ||||| |||||
; 16 ACAGGGGCGAGCATG 1
;
; RESULT 529
; US-09-058-947A-6
; Sequence 6, Application US/09058947A
; Patent No. 6274790
; GENERAL INFORMATION:
; APPLICANT: Kunst et al.
; TITLE OF INVENTION: Nucleic Acids Encoding Plant Enzyme
; TITLE OF INVENTION: Involved in Very Long Chain Fatty Acid Synthesis
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klarquist Sparkman Campbell
; ADDRESSEE: Leigh & Whinston, LLP
; STREET: One World Trade Center, Suite
; STREET: 1600, 121 S.W. Salmon Street
; CITY: Portland
; STATE: OR
; COUNTRY: USA
; ZIP: 97204-2988
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Disk, 3.5-inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Word97 & ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/058,947A
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/043,831
; FILING DATE: April 14, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: David J. Earp, Ph.D.
; REGISTRATION NUMBER: 41,401
; REFERENCE/DOCKET NUMBER: 5493-50032/DJE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (503) 226-7391
; TELEFAX: (503) 228-9446
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single

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; TOPOLOGY: linear
; US-09-058-947A-6
;
; Query Match 0.4%; Score 14.4; DB 1; Length 18;
; Best Local Similarity 93.8%; Pred. No. 6.1e+02;
; Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 3106 GCGGAGAGTAAAT 3121
; DB ||||| ||||| |||||
; 2 GTCGAGAGTAAAT 17
;
; RESULT 530
; US-09-907-794A-229
; Sequence 229, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Klijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02

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; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30999  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 229  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide probe  
US-09-907-794A-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1101 GCTGTCCTCAGGGGAG 1116  
|||||  
Db 3 GCTGTCCACAGGGGAG 18

RESULT 531  
US-09-905-125A-229  
; Sequence 229, Application US/09905125A  
; Patent No. 6664376  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: 10466-14  
; CURRENT APPLICATION NUMBER: US/09/905,125A  
; PRIOR FILING DATE: 2001-07-12  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
; PRIOR FILING DATE: 2000-02-22  
; PRIOR APPLICATION NUMBER: US 60/143,048  
; PRIOR FILING DATE: 1999-07-07  
; PRIOR APPLICATION NUMBER: US 60/145,698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: US 60/146,222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: PCT/US99/20594  
; PRIOR FILING DATE: 1999-09-08  
; PRIOR APPLICATION NUMBER: PCT/US99/20944

; PRIOR FILING DATE: 1999-09-13  
; PRIOR APPLICATION NUMBER: PCT/US99/21090  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/21547  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/23089  
; PRIOR FILING DATE: 1999-10-05  
; PRIOR APPLICATION NUMBER: PCT/US99/28214  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: 1999-11-30  
; PRIOR APPLICATION NUMBER: PCT/US99/28564  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/28565  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30999  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 229  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide probe  
US-09-905-125A-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1101 GCTGTCCTCAGGGGAG 1116  
|||||  
Db 3 GCTGTCCACAGGGGAG 18

RESULT 532  
US-09-902-775A-229  
; Sequence 229, Application US/09902775A  
; Patent No. 6686451  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: 10466-14  
; CURRENT APPLICATION NUMBER: US/09/902,775A  
; CURRENT FILING DATE: 2001-07-10  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
; PRIOR FILING DATE: 2000-02-22  
; PRIOR APPLICATION NUMBER: US 60/143,048  
; PRIOR FILING DATE: 1999-07-07  
; PRIOR APPLICATION NUMBER: US 60/145,698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: US 60/146,222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: PCT/US99/20594  
; PRIOR FILING DATE: 1999-09-08  
; PRIOR APPLICATION NUMBER: PCT/US99/20944  
; PRIOR FILING DATE: 1999-09-13  
; PRIOR APPLICATION NUMBER: PCT/US99/21090  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/21547  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/23089  
; PRIOR FILING DATE: 1999-10-05  
; PRIOR APPLICATION NUMBER: PCT/US99/28214  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: 1999-11-30  
; PRIOR APPLICATION NUMBER: PCT/US99/28564  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/28565  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30999  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 229  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide probe  
US-09-902-775A-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1101 GCTGTCCTCAGGGGAG 1116  
Db 3 GCTGTCCACAGGGGAG 18

RESULT 533  
US-09-906-700-229  
; Sequence 229, Application US/09906700  
; Patent No. 6723535  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan L.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, A.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth, J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Mather, Jennie P.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William, I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: 10466-14  
; CURRENT APPLICATION NUMBER: US/09/906,700  
; CURRENT FILING DATE: 2000-09-18  
; PRIOR APPLICATION NUMBER: PCT/US00/04414  
; PRIOR FILING DATE: 2000-02-22  
; PRIOR APPLICATION NUMBER: US 60/143,048  
; PRIOR FILING DATE: 1999-07-07  
; PRIOR APPLICATION NUMBER: US 60/145,698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: US 60/146,222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: PCT/US99/20594  
; PRIOR FILING DATE: 1999-09-08  
; PRIOR APPLICATION NUMBER: PCT/US99/20944  
; PRIOR FILING DATE: 1999-09-13  
; PRIOR APPLICATION NUMBER: PCT/US99/21090  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/21547  
; PRIOR FILING DATE: 1999-09-15  
; PRIOR APPLICATION NUMBER: PCT/US99/23089  
; PRIOR FILING DATE: 1999-10-05  
; PRIOR APPLICATION NUMBER: PCT/US99/28214  
; PRIOR FILING DATE: 1999-11-29  
; PRIOR APPLICATION NUMBER: PCT/US99/28313  
; PRIOR FILING DATE: 1999-11-30  
; PRIOR APPLICATION NUMBER: PCT/US99/28564  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/28565  
; PRIOR FILING DATE: 1999-12-02  
; PRIOR APPLICATION NUMBER: PCT/US99/30095  
; PRIOR FILING DATE: 1999-12-16  
; PRIOR APPLICATION NUMBER: PCT/US99/30911  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US99/30999  
; PRIOR FILING DATE: 1999-12-20  
; PRIOR APPLICATION NUMBER: PCT/US00/00219  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 423  
; SEQ ID NO 229  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide probe  
US-09-906-700-229

Query Match 0.4%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 6.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1101 GCTGTCCTCAGGGGAG 1116  
Db 3 GCTGTCCACAGGGGAG 18  
RESULT 534

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US-09-903-603A-229
; Sequence 229, Application US/09903603A
; Patent No. 6767995
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: GNE.1618P2C12
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: US/09/903,603A
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-903-603A-229
Query Match 0.4%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 6.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1101 GCTGTCCTCAGGGAG 1116
Db 3 GCTGTCACAGGGAG 18
RESULT 535
US-09-092-077-18
; Sequence 18, Application US/09092077
; Patent No. 6194142
; GENERAL INFORMATION:
; APPLICANT: Montcany, Maurice
; APPLICANT: Montagnier, Luc
; TITLE OF INVENTION: Nucleotide Sequences Derived From The
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis
; TITLE OF INVENTION: Of The Diseases Due To Those Viruses
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,077
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,928
; FILING DATE: 07-JUN-1995
; APPLICATION NUMBER: US 08/160,465
; FILING DATE: 02-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8912371
; FILING DATE: 20-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 8907354
; FILING DATE: 06-FEB-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meyers, Kenneth J.
; REGISTRATION NUMBER: 25,146
; REFERENCE/DOCKET NUMBER: 02356.0062-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)408-4000
; TELEFAX: (202)408-4400
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-092-077-18
Query Match 0.4%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.6e+02;

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Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2632 CCACATGTCAGCACC 2647  
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 Db 1 CCACATTCAGCACC 16

RESULT 536  
 US-09-754-066-6/c  
 ; Sequence 6, Application US/09754066  
 ; Patent No. 669985  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BURCOGLU, ARSINUR  
 ; TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION AND RELATED SECONDARY INFECTIONS THEREOF  
 ; NUMBER OF SEQUENCES: 19  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Banner & Witcoff  
 ; STREET: 1001 G Street, NW  
 ; CITY: Washington  
 ; STATE: DC  
 ; COUNTRY: USA  
 ; ZIP: 20001  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: DOS  
 ; SOFTWARE: FastSeq for Windows Version 2.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/754,066  
 ; FILING DATE: 05-Jan-2001  
 ; CLASSIFICATION: <Unknown>  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/848,013  
 ; FILING DATE: 2001-05-07  
 ; APPLICATION NUMBER: 07/830,886  
 ; FILING DATE: 04-FEB-1992  
 ; APPLICATION NUMBER: 07/748,277  
 ; FILING DATE: 21-AUG-1991  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Kagan, Sarah A  
 ; REGISTRATION NUMBER: 32141  
 ; REFERENCE/DOCKET NUMBER: 02939.04541  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 202-508-9100  
 ; TELEFAX: 202-508-9299  
 ; INFORMATION FOR SEQ ID NO: 6:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 19 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
 US-09-754-066-6

Query Match 0.4%; Score 14.4; DB 1; Length 19;  
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2814 TGTATATGGTATATAT 2829  
 ||||| |||||  
 Db 19 TGTATATGGTATATT 4

RESULT 537  
 US-09-696-791-2314/c  
 ; Sequence 2314, Application US/09696791  
 ; Patent No. 6770633  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Robbins, Joan M.  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Trittz, Richard  
 ; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES  
 ; FILE REFERENCE: 480124.407  
 ; CURRENT APPLICATION NUMBER: US/09/696,791  
 ; CURRENT FILING DATE: 2000-10-25  
 ; NUMBER OF SEQ ID NOS: 4523  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 2314  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; OTHER INFORMATION: Cyclin E ribozyme binding site  
 US-09-696-791-2314

Query Match 0.4%; Score 14.4; DB 1; Length 19;  
 Best Local Similarity 93.8%; Pred. No. 6.6e+02;  
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2868 TGGTACACGGAGGCC 2883  
 ||||| |||||  
 Db 16 TGGTACACGGAGGCC 1

RESULT 538  
 US-08-243-542-11  
 ; Sequence 11, Application US/08243542  
 ; Patent No. 552526  
 ; GENERAL INFORMATION:  
 ; APPLICANT: NAKAMURA, YUSUKE  
 ; TITLE OF INVENTION: MDC PROTEINS AND DNAs  
 ; TITLE OF INVENTION: ENCODING THE SAME  
 ; NUMBER OF SEQUENCES: 20  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSER: FLYNN, THIEL, BOUTELL & TANIS P.C.  
 ; STREET: 2026 Rambling Road  
 ; CITY: Kalamazoo  
 ; STATE: Michigan  
 ; COUNTRY: USA  
 ; ZIP: 49008-1699  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 3.5 inches, 1.44 Mb storage  
 ; COMPUTER: IBM PC/XT/AT Compatible  
 ; OPERATING SYSTEM: MS-DOS 5.0  
 ; SOFTWARE: WordPerfect 5.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/243,542  
 ; FILING DATE:  
 ; CLASSIFICATION: 530  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: JP 5-136602  
 ; FILING DATE: 14 MAY 1993  
 ; APPLICATION NUMBER: JP 5-257455  
 ; FILING DATE: 22 SEPTEMBER 1993  
 ; APPLICATION NUMBER: JP 6-49904  
 ; FILING DATE: 23 FEBRUARY 1994  
 ; APPLICATION NUMBER: JP 6-73328  
 ; FILING DATE: 12 APRIL 1994  
 ; APPLICATION NUMBER: JP 6-84470  
 ; FILING DATE: 22 APRIL 1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Terrylene F. Chapman  
 ; REGISTRATION NUMBER: 32 549  
 ; REFERENCE/DOCKET NUMBER: Furuya Case 1313  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (616) 381-1156  
 ; TELEFAX: (616) 381-5465  
 ; INFORMATION FOR SEQ ID NO: 11:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear

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; MOLECULE TYPE: Genomic DNA
US-08-243-542-11

Query Match      0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2097 CCAGGACACCCCGC 2112
Db 1 CCAGGACACCCCGC 16

RESULT 539
US-08-477-407-11
; Sequence 11, Application US/08477407
; Patent No. 5631351
; GENERAL INFORMATION:
; APPLICANT: NAKAMURA, YUSUKE
; APPLICANT: EMI, MITSURU
; TITLE OF INVENTION: MDC PROTEINS AND DNAS
; TITLE OF INVENTION: ENCODING THE SAME
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLYNN, THIEL, BOUTELL & TANIS P.C.
; STREET: 2026 Rambling Road
; CITY: Kalamazoo
; STATE: Michigan
; COUNTRY: USA
; ZIP: 49008-1699
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inches, 1.44 Mb storage
; COMPUTER: IBM PC/XT/AT Compatible
; OPERATING SYSTEM: MS-DOS 5.0
; SOFTWARE: WordPerfect 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,407
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/243,542
; FILING DATE: 13-MAY-1994
; APPLICATION NUMBER: JP 5-136602
; FILING DATE: 14 MAY 1993
; APPLICATION NUMBER: JP 5-257455
; FILING DATE: 22 SEPTEMBER 1993
; APPLICATION NUMBER: JP 6-49904
; FILING DATE: 23 FEBRUARY 1994
; APPLICATION NUMBER: JP 6-73328
; FILING DATE: 12 APRIL 1994
; APPLICATION NUMBER: JP 6-84470
; FILING DATE: 22 APRIL 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Terryence F. Chapman
; REGISTRATION NUMBER: 32 549
; REFERENCE/DOCKET NUMBER: Furuya Case 1313
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (616) 381-1156
; TELEFAX: (616) 381-5465
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-08-477-407-11

Query Match      0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2097 CCAGGACACCCCGC 2112
Db 1 CCAGGACACCCCGC 16

RESULT 541
US-08-535-248-3
; Sequence 3, Application US/08535248
; Patent No. 5789165
; GENERAL INFORMATION:
; APPLICANT: OKU, Yuichi

```

```

; APPLICANT: TOYODA, No. 57891651ko
; TITLE OF INVENTION: METHOD AND REAGENT FOR SIMULTANEOUSLY
; TITLE OF INVENTION: ASSAYING ONE OR MORE LIGANDS IN A GROUP OF PRESELECTED LIGANDS
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LORUSSO & LOUD
; STREET: 3137 Mount Vernon Avenue
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22305
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,248
; FILING DATE: 30-OCT-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Loud, George A.
; REGISTRATION NUMBER: 25,814
; REFERENCE/DOCKET NUMBER: MITS-B261
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-739-9393
; TELEFAX: 703-739-9391
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-535-248-3

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3651 CTTGCTTGCTGCAGG 3666
Db 4 CTTGCATGCTGCAGG 19

RESULT 542
US-08-655-821-12/c
; Sequence 12, Application US/08655821
; Patent No. 5846718
; GENERAL INFORMATION:
; APPLICANT: Zhang, Ying
; APPLICANT: Scordio, Angelo
; TITLE OF INVENTION: IDENTIFICATION OF PYRAZINAMIDE-RESISTANT
; TITLE OF INVENTION: MYCOBACTERIA AND METHODS FOR TREATING
; TITLE OF INVENTION: MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/655,821
; FILING DATE: 31-MAY-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ellison, Eldora L.
; REGISTRATION NUMBER: 39,967
; REFERENCE/DOCKET NUMBER: 07662/003001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-655-821-12

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 512 TGGAGCGCTCCCGCA 527
Db 20 TGGAGCGCTCCCGCA 5

RESULT 543
US-08-651-692-8
; Sequence 8, Application US/08651692
; Patent No. 5856099
; GENERAL INFORMATION:
; APPLICANT: Loren Miraglia, Thomas Geiger,
; APPLICANT: Clarence Frank Bennett and Nicholas M. Dean
; TITLE OF INVENTION: Compositions and Methods for
; TITLE OF INVENTION: Modulating Type I Interleukin-1 Receptor Expression
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,692
; FILING DATE: Herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0144
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-651-692-8

Query Match 0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2587 GCGTCGGCCCCCTCCC 2602  
Db 2 GCGTCGGCTCCCTCCC 17

RESULT 544  
US-08-910-629A-17  
; Sequence 17, Application US/08910629A  
; Patent No. 5877309  
; GENERAL INFORMATION:  
; APPLICANT: Robert A. McKay  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Brett Monia  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK  
; TITLE OF INVENTION: PROTEINS  
; NUMBER OF SEQUENCES: 86  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
; MEDIUM TYPE: STORAGE  
; COMPUTER: PENTIUM  
; OPERATING SYSTEM: WINDOWS 95  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/910,629A  
; FILING DATE: August 13, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0215  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-910-629A-17

Query Match 0.4%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1060 GCGTCATGAGCTCCA 1075  
Db 5 GCATCCATGAGCTCCA 20

RESULT 545  
US-09-287-796-17  
; Sequence 17, Application US/09287796A  
; Patent No. 6133246  
; GENERAL INFORMATION:  
; APPLICANT: McKay, Robert A.  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Monia, Brett  
; APPLICANT: Nero, Pam  
; APPLICANT: Gaarde, William A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS

; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS  
; FILE REFERENCE: ISPH-0350  
; CURRENT APPLICATION NUMBER: US/09/287,796A  
; CURRENT FILING DATE: 1999-04-07  
; EARLIER APPLICATION NUMBER: 09/130,616  
; EARLIER FILING DATE: 1998-08-07  
; EARLIER APPLICATION NUMBER: 08/910,629  
; EARLIER FILING DATE: 1997-08-03  
; NUMBER OF SEQ ID NOS: 165  
; SEQ ID NO 17  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-287-796-17

Query Match 0.4%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1060 GCGTCATGAGCTCCA 1075  
Db 5 GCATCCATGAGCTCCA 20

RESULT 546  
US-09-433-699-31/c  
; Sequence 31, Application US/09433699B  
; Patent No. 6165786  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION  
; FILE REFERENCE: RTS-0109  
; CURRENT APPLICATION NUMBER: US/09/433,699B  
; CURRENT FILING DATE: 1999-11-03  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-433-699-31

Query Match 0.4%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 188 AGGACGAGGCTGAGGA 203  
Db 20 AGGACGAGGCTGAGGA 5

RESULT 547  
US-09-429-322-54/c  
; Sequence 54, Application US/09429322A  
; Patent No. 6190869  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE C-THETA  
; FILE REFERENCE: RTS-0100  
; CURRENT APPLICATION NUMBER: US/09/429,322A  
; CURRENT FILING DATE: 1999-10-26  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 54  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

```

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-322-54

Query Match          0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1908 CCGCATGGACAGCC 1923
Db 18 CCGCATGGACATCCC 3

RESULT 548
US-09-130-616-17
; Sequence 17, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-17

Query Match          0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1060 GCCTCCATGAGCTCCA 1075
Db 5 GCATCCATGAGCTCCA 20

RESULT 549
US-08-853-774-10
; Sequence 10, Application US/08853774
; Patent No. 6265557
; GENERAL INFORMATION:
; APPLICANT: Diamond, David
; APPLICANT: Nehlsen-Cannarella, Sandra
; APPLICANT: Fagoaga, Omar
; APPLICANT: Szalay, Aladar
; TITLE OF INVENTION: ABO HISTO-BLOOD GROUP O ALLELES OF THE BABOON
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive Sixteenth Flo
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/853,774
; FILING DATE:

; OTHER INFORMATION: Antisense Oligonucleotide
US-09-429-322-54

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: LOWAIMM.100A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 714/760-0404
TELEFAX: 714/760-9503
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-853-774-10

Query Match          0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1977 GCCCTCCAGAGCC 1992
Db 2 GCCCTCCAGAGCC 17

RESULT 550
US-09-659-791A-65/c
; Sequence 65, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-65

Query Match          0.4%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2407 CTGGGTGTCCTGGCTG 2422
Db 20 CTGGGTGTCCTGGCTG 5

RESULT 551
US-09-752-110A-20/c
; Sequence 20, Application US/09752110A
; Patent No. 6656727
; GENERAL INFORMATION:
; APPLICANT: Gunzburg, Walter
; APPLICANT: Salmons, Brian
; APPLICANT: Goller, Sabine
; APPLICANT: Klein, Dieter
; TITLE OF INVENTION: Targeted Integration Into Chromosomes
; FILE OF INVENTION: Using Retroviral Vectors
; FILE REFERENCE: 2316.2005-000
; CURRENT APPLICATION NUMBER: US/09/752,110A
; CURRENT FILING DATE: 2000-12-29
; PRIOR APPLICATION NUMBER: PCT/EP99/04521
```



; PRIOR FILING DATE: 1999-06-30  
; PRIOR APPLICATION NUMBER: PA 1998 01016  
; PRIOR FILING DATE: 1998-07-01  
; NUMBER OF SEQ ID NOS: 28  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 20  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Primer  
US-09-752-110A-20

Query Match 0.4%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3781 ACACCTGGTGTCTAAC 3796  
||| ||||| ||||| |||||  
Db 16 ACACCTGGTGTCTGAC 1

RESULT 552  
US-09-967-669-88/c  
; Sequence 88, Application US/09967669  
; Patent No. 6692960  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION  
; FILE REFERENCE: RTS-0259  
; CURRENT APPLICATION NUMBER: US/09/967,669  
; CURRENT FILING DATE: 2001-09-28  
; NUMBER OF SEQ ID NOS: 90  
; SEQ ID NO 88  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-967-669-88

Query Match 0.4%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3007 TTGTTTAAACTGGA 3022  
||| ||||| ||||| |||||  
Db 20 TTGTTTAAAGACTGGA 5

RESULT 553  
US-09-232-785-389/c  
; Sequence 389, Application US/09232785  
; Patent No. 6733965  
; GENERAL INFORMATION:  
; APPLICANT: International Paper Co.  
; APPLICANT: Echt, Craig S  
; APPLICANT: Nelson, C. Dana  
; TITLE OF INVENTION: MICROSATellite DNA MARKERS AND USES  
; FILE REFERENCE: 4481/1E18US1  
; CURRENT APPLICATION NUMBER: US/09/232,785  
; CURRENT FILING DATE: 1999-01-19  
; PRIOR APPLICATION NUMBER: 09/232,884  
; PRIOR FILING DATE: 1999-01-15  
; NUMBER OF SEQ ID NOS: 397  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 389  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Pinus taeda L.  
US-09-232-785-389

Query Match 0.4%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 7.1e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1364 AGATGATCGGAACA 1379  
||| ||||| ||||| |||||  
Db 16 AGAGGATCGGAACA 1

RESULT 554  
US-09-725-265-11  
; Sequence 11, Application US/09725265  
; Patent No. 6492121  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA  
; FILE REFERENCE: 199953USOXDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 11  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-11

Query Match 0.4%; Score 14.4; DB 1; Length 30;  
Best Local Similarity 75.0%; Pred. No. 1.1e+03;  
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3474 ATATATATATTTATGAGTTTTT 3497  
||| ||||| ||||| |||||  
Db 1 ATATATATTTTCTTTCTTTT 24

RESULT 555  
US-09-556-127-11  
; Sequence 11, Application US/09556127  
; Patent No. 6699661  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KAMAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOLE  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA  
; FILE REFERENCE: 0163-0758-0X  
; CURRENT APPLICATION NUMBER: US/09/556,127  
; CURRENT FILING DATE: 2002-06-17  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
US-09-556-127-11

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; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-11

Query Match          0.4%; Score 14.4; DB 1; Length 30;
Best Local Similarity 75.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3474 ATATATATAATTTATGATTTT 3497
|||||
Db 1 ATATATATTTTCTTTT 24

RESULT 556
US-08-126-594-8
; Sequence 8, Application US/08126594
; Patent No. 5482845
; GENERAL INFORMATION:
; APPLICANT: Soares, M. Bento
; APPLICANT: Efstratiadis, Algriris
; TITLE OF INVENTION: METHOD FOR CONSTRUCTION OF NORMALIZED
; TITLE OF INVENTION: CDNA LIBRARIES
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: John P. White, c/o Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/126,594
; FILING DATE: June 6, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 42840/JPW/AKC
; REFERENCE/DOCKET NUMBER: 42840/JPW/AKC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-465-811A-8

Query Match          0.4%; Score 14.4; DB 1; Length 32;
Best Local Similarity 75.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3311 TTTTCTTTAGGAGATTTT 3334
|||||
Db 1 TTTTCTTTAATTAATTTT 24

RESULT 558
US-08-619-542B-8
; Sequence 8, Application US/08619542B
; Patent No. 5830662
; GENERAL INFORMATION:
; APPLICANT: The Trustees of Columbia University in the City
; APPLICANT: of New York
; TITLE OF INVENTION: METHOD FOR CONSTRUCTION OF NORMALIZED
; TITLE OF INVENTION: CDNA LIBRARIES
; NUMBER OF SEQUENCES: 78
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
US-08-465-811A-8

RESULT 557
US-08-465-811A-8
```

;; SOFTWARE: PatentIn Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/619,542B  
;; FILING DATE: June 21, 1996  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: White, John P.  
;; REGISTRATION NUMBER: 28,678  
;; REFERENCE/DOCKET NUMBER: 42840-A-PCT-US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (212) 278-0400  
;; TELEFAX: (212) 391-0525  
;; TELEX:  
;; INFORMATION FOR SEQ ID NO: 8:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 32 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; US-08-619-542B-8

Query Match 0.4%; Score 14.4; DB 1; Length 32;  
Best Local Similarity 75.0%; Pred. No. 1.2e+03;  
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3311 TTTTCTTTAGGAGATTATTTTT 3334  
Db 1 TTTTCTTTAATTAATTTTTTTT 24

RESULT 559  
US-08-664-596B-9/c  
;; Sequence 9, Application US/08664596B  
;; Patent No. 5807703  
;; GENERAL INFORMATION:  
;; APPLICANT: Jacobs, Kenneth  
;; APPLICANT: McCoy, John  
;; APPLICANT: LaVallie, Edward  
;; APPLICANT: Racie, Lisa  
;; APPLICANT: Merberg, David  
;; APPLICANT: Treacy, Maurice  
;; APPLICANT: Evans, Cheryl  
;; APPLICANT: Spaulding, Vikki  
;; APPLICANT: Bowman, Michael  
;; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES  
;; TITLE OF INVENTION: ENCODING THEM  
;; NUMBER OF SEQUENCES: 37  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Genetics Institute, Inc.  
;; STREET: 87 CambridgePark Drive  
;; CITY: Cambridge  
;; STATE: Massachusetts  
;; COUNTRY: U.S.A.  
;; ZIP: 02140  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; FILING DATE:  
;; APPLICATION NUMBER: US/08/664,596B  
;; CLASSIFICATION: 514  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Brown, Scott A.  
;; REGISTRATION NUMBER: 32,724  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (617) 498-8224  
;; TELEFAX: (617) 876-5851  
;; INFORMATION FOR SEQ ID NO: 9:

;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 44 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: double  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA  
;; US-08-664-596B-9

Query Match 0.4%; Score 14.4; DB 1; Length 44;  
Best Local Similarity 75.0%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3262 TATTTTATTTGCTTGTCTCTTTT 3285  
Db 32 TTTTCTTTTCTTTTCTTTT 9

RESULT 560  
US-08-233-030-19  
;; Sequence 19, Application US/08233030  
;; Patent No. 5639655  
;; GENERAL INFORMATION:  
;; APPLICANT: James D. Thompson  
;; APPLICANT: Kenneth G. Draper  
;; TITLE OF INVENTION: METHOD AND REAGENT FOR  
;; TITLE OF INVENTION: TREATMENT OF PROMYELOCYTIC  
;; TITLE OF INVENTION: LEUKEMIA  
;; NUMBER OF SEQUENCES: 62  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 611 West Sixth Street  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: USA  
;; ZIP: 90017  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)  
;; SOFTWARE: WordPerfect (Version 5.1)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/233,030  
;; FILING DATE:  
;; CLASSIFICATION: 536  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/008,910  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 197/240  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 19:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-08-233-030-19

Query Match 0.4%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 68.4%; Pred. No. 7e+02;  
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 860 ACCTGTGAGCGCTACGA 878  
Db 1 AGCUGCUGGAGCGUGGA 19

RESULT 561

```

US-08-462-305-18
; Sequence 18, Application US/08462305
; Patent No. 5696248
; GENERAL INFORMATION:
; APPLICANT: Peyman, Anushirwan
; APPLICANT: Uhlmann, Eugen
; APPLICANT: Carolus, Carolin
; TITLE OF INVENTION: 3'-Modified Oligonucleotide Derivatives
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoechst Marion Roussel, Inc.
; STREET: 2110 E. Galbraith Road, P.O. Box 156300
; CITY: Cincinnati
; STATE: Ohio
; COUNTRY: USA
; ZIP: 45215-6300
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,305
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Payne, T. Helen
; REGISTRATION NUMBER: 36,889
; REFERENCE/DOCKET NUMBER: H0894/F161K US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 513-948-7183
; TELEFAX: 513-948-7960 or 4681
; TELEX: 214320
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-462-305-18

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      184 GGGGAGGACGAGGCTGAGG 202
Db      1 GGGAGGAGGAGGATGAGG 19

RESULT 562
US-08-613-417A-18
; Sequence 18, Application US/08613417A
; Patent No. 5874553
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Phosphonomonoester nucleic acids, and their use
; NUMBER OF SEQUENCES: 33
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,417A
; FILING DATE:
; CLASSIFICATION: 514
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid

```

```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: yes
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..19
; US-08-613-417A-18

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      184 GGGGAGGACGAGGCTGAGG 202
Db      1 GGGAGGAGGAGGATGAGG 19

RESULT 563
US-08-850-961-25/c
; Sequence 25, Application US/08850961
; Patent No. 6013517
; GENERAL INFORMATION:
; APPLICANT: Respass, James G.
; APPLICANT: De Polo, Nicholas J.
; APPLICANT: Chada, Sunil
; APPLICANT: Sauter, Sybille
; APPLICANT: Bodner, Mordechai
; APPLICANT: Driver, David A.
; TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Chiron Corporation, Intellectual Property - R440
; STREET: P.O. Box 8097
; CITY: Emeryville
; STATE: California
; COUNTRY: USA
; ZIP: 94662-8097
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/850,961
; FILING DATE: 05-MAY-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Kruse, No. 6013517man J.
; REGISTRATION NUMBER: 35,235
; REFERENCE/DOCKET NUMBER: 930049,424C4 / 1147,005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-3520
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-850-961-25

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2821 GGTATATATACATATATAT 2839
Db      19 GGTATCGATATATATAT 1

RESULT 564
US-08-594-452-18

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/ Sequence 18, Application US/08594452  
/ Patent No. 6013639  
/ GENERAL INFORMATION:  
/ APPLICANT: PEYMAN, Anuschirwan  
/ APPLICANT: UHLMANN, Eugen  
/ TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
/ NUMBER OF SEQUENCES: 105  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Foley & Lardner  
/ STREET: 3000 K Street, N.W., Suite 500  
/ CITY: Washington  
/ STATE: D.C.  
/ COUNTRY: USA  
/ ZIP: 20007-5109  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent In Release #1.0, Version #1.30  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/594,452  
/ FILING DATE: 31-JAN-1996  
/ CLASSIFICATION: 536  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: DE 195 02 912.7  
/ FILING DATE: 31-JAN-1995  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: SANDERCOCK, Colin G.  
/ REGISTRATION NUMBER: 31,298  
/ REFERENCE/DOCKET NUMBER: 18748/264/HOCE  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (202)672-5300  
/ TELEFAX: (202)672-5399  
/ TELEX: 904136  
/ INFORMATION FOR SEQ ID NO: 18:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 19 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-594-452-18

Query Match 0.4%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GGGAGGACGAGCTGAGG 202  
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 565  
US-08-578-686C-17  
/ Sequence 17, Application US/08578686C  
/ Patent No. 6028182  
/ GENERAL INFORMATION:  
/ APPLICANT: Uhlmann, Eugen  
/ TITLE OF INVENTION: Methylphosphonic Acid Ester, Process For  
/ TITLE OF INVENTION: Preparing The Same And Its Use  
/ NUMBER OF SEQUENCES: 37  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
/ ADDRESSEE: Dunner, L.L.P.  
/ STREET: 1300 I. Street, N.W., Suite 700  
/ CITY: Washington  
/ STATE: D.C.  
/ COUNTRY: U.S.A.  
/ ZIP: 20005-3315  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent In Release #1.0, Version #1.30

/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/578,686C  
/ FILING DATE: January 2, 1996  
/ CLASSIFICATION: 536  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Johnson, Lori-Ann  
/ REGISTRATION NUMBER: 34,498  
/ REFERENCE/DOCKET NUMBER: 2481.1481-00000  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 202-408-4000  
/ TELEFAX: 202-408-4400  
/ INFORMATION FOR SEQ ID NO: 17:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 19 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (genomic)  
/ US-08-578-686C-17

Query Match 0.4%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GGGAGGACGAGCTGAGG 202  
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 566  
US-08-281-203-13  
/ Sequence 13, Application US/08281203  
/ Patent No. 6033909  
/ GENERAL INFORMATION:  
/ APPLICANT: Uhlmann, Eugen  
/ APPLICANT: Peyman, Anuschirwan  
/ APPLICANT: O'Malley, Gerard  
/ APPLICANT: Helsing, Matthias  
/ APPLICANT: Winkler, Irvin  
/ TITLE OF INVENTION: Oligonucleotide Analogs, Their  
/ TITLE OF INVENTION: Preparation and Use  
/ NUMBER OF SEQUENCES: 31  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
/ ADDRESSEE: Dunner  
/ STREET: 1300 I Street, N.W.  
/ CITY: Washington  
/ STATE: D.C.  
/ COUNTRY: USA  
/ ZIP: 20005-3315  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent In Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/281,203  
/ FILING DATE: 27-JULY-1994  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: US 08/003,972  
/ FILING DATE: 19-JAN-1993  
/ CLASSIFICATION: 514  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Einaudi, Carol P.  
/ REGISTRATION NUMBER: 32,220  
/ REFERENCE/DOCKET NUMBER: 02481.1269-01000  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: 202-408-4000  
/ TELEFAX: 202-408-4400  
/ INFORMATION FOR SEQ ID NO: 13:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 19 base pairs

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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-281-203-13
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GGGAGGAGCGAGGCTGAGG 202
    ||| ||| ||| ||| ||| ||| |||
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 567
US-08-867-352-18
; Sequence 18, Application US/08867352
; Patent No. 6060273
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Multicistronic expression units and their use
; NUMBER OF SEQUENCES: 25
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPA)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/867,352
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/397,847
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..16
; OTHER INFORMATION: /label= PDGB190-PRIMI
; OTHER INFORMATION: /note= "Synthetic DNA; synthetic PCR primer"
US-08-867-352-18
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1678 GACTTCGGCTGCGCCGGG 1696
    ||| ||| ||| ||| ||| ||| |||
Db 1 GAATTCGAGTCGCCGGG 19

RESULT 568
US-09-094-405-20
; Sequence 20, Application US/09094405
; Patent No. 6066720
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Modified oligonucleotides, their preparation
; NUMBER OF SEQUENCES: 30
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,405
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;
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/940,196
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..19
; OTHER INFORMATION: /note= "p53 Tumorsuppressor"
US-09-094-405-20
Query Match 0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GGGAGGAGCGAGGCTGAGG 202
    ||| ||| ||| ||| ||| ||| |||
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 569
US-09-258-408-18
; Sequence 18, Application US/09258408
; Patent No. 6121434
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, Anushirwan
; APPLICANT: UHLMANN, Eugen
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 105
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/258,408
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/594,452
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDERCOCK, Colin G.
; REGISTRATION NUMBER: 31,298
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

LENGTH: 13  
TYPE: DNA

: Sequence 25. Application US/

RESULT 573  
US-09-479-776-25/c  
: Sequence 25. Application US/09479776

Patent No. 6333195  
GENERAL INFORMATION:  
APPLICANT: Respass, James G.  
De Polo, Nicholas J.  
Chada, Sunil  
Sauter, Sybille  
Bodner, Mordechai  
Driver, David A.  
TITLE OF INVENTION: CROSSLESS RETROVIRAL VECTORS  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHIRON CORPORATION  
STREET: INTELLECTUAL PROPERTY-R440  
P.O. BOX 8097  
CITY: EMERYVILLE  
STATE: CA  
COUNTRY: USA  
ZIP: 94662-8097  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/479,776  
FILING DATE: 07-Jan-2000  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: KRUSE, NORMAN J.  
REGISTRATION NUMBER: 35,235  
REFERENCE/DOCKET NUMBER: 930049.424C4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206)622-4900  
TELEFAX: (206)682-6031  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
US-09-479-776-25

Query Match 0.4%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2821 GGTATATATACATATATAT 2839  
DB 19 GGTATCGATATATATAT 1

RESULT 574  
US-08-337-120A-20  
Sequence 20, Application US/08337120A  
Patent No. 6348312  
GENERAL INFORMATION:  
APPLICANT: Peyman, Anuschirwan  
APPLICANT: Uhlmann, Eugen  
APPLICANT: Mag, Matthias  
APPLICANT: Kretzschmar, Gerhard  
APPLICANT: Helsenberg, Matthias  
APPLICANT: Winkler, Irvin  
TITLE OF INVENTION: Stabilized Oligonucleotides And Their  
TITLE OF INVENTION: Use  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
ADDRESSES: Dunner, L.L.P.  
STREET: 1300 I Street, N.W., Suite 700  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA

ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/337,120A  
FILING DATE: 12-NOV-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P 43 38 704.7  
FILING DATE: 12-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Einaudi, Carol P.  
REGISTRATION NUMBER: 32,220  
REFERENCE/DOCKET NUMBER: 02481.1409-00000  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)408-4000  
TELEFAX: (202)408-4400  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-337-120A-20

Query Match 0.4%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GCGGAGGACGAGGCTGAGG 202  
DB 1 GCGAAGGAGGAGGATGAGG 19

RESULT 575  
US-09-643-233-17  
Sequence 17, Application US/09643233  
Patent No. 6479651  
GENERAL INFORMATION:  
APPLICANT: SEELA, Frank  
APPLICANT: THOMAS, Horst  
TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THEIR PREPARATION AND THEIR  
TITLE OF INVENTION: USE  
FILE REFERENCE: 026083/0181  
CURRENT APPLICATION NUMBER: US/09/643,233  
CURRENT FILING DATE: 2000-08-22  
PRIOR APPLICATION NUMBER: 09/144,112  
PRIOR FILING DATE: 1998-08-31  
NUMBER OF SEQ ID NOS: 53  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 17  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Antisense  
OTHER INFORMATION: Oligonucleotide  
US-09-643-233-17

Query Match 0.4%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 184 GCGGAGGACGAGGCTGAGG 202  
DB 1 GCGAAGGAGGAGGATGAGG 19

RESULT 576



US-09-422-978-4702/c  
; Sequence 4702, Application US/09422978  
; Patent No. 6537751

## GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 4702  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-17134 for SEQ 768,  
US-09-422-978-4702

Query Match 0.4%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7e+02; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0;

QY 2770 GGTATTTCGGAACTAG 2788

Db 19 GGTATTTCGCACGTAG 1

## RESULT 577

US-09-422-978-6383/c  
; Sequence 6383, Application US/09422978  
; Patent No. 6537751

## GENERAL INFORMATION:

; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 6383  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-11075 for SEQ 2449,  
US-09-422-978-6383

Query Match 0.4%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7e+02; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0;

QY 3502 GATGATTGTGTAGTACT 3520

Db 19 GTTGTTGTGTAGTCT 1

## RESULT 578

US-09-696-791-207/c  
; Sequence 207, Application US/09696791  
; Patent No. 6770633

## GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; TITLE OF INVENTION: SKIN AND EYE DISEASES  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696,791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 207  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cdk2 ribozyme binding site  
US-09-696-791-207

Query Match 0.4%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7e+02; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0;

QY 655 AATGGCAGCAAGTGGGCC 673

Db 19 AATGGCAGAAAGCTAGGCC 1

## RESULT 579

US-09-696-791-208/c  
; Sequence 208, Application US/09696791  
; Patent No. 6770633

## GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; TITLE OF INVENTION: SKIN AND EYE DISEASES  
; FILE REFERENCE: 480124.407  
; CURRENT APPLICATION NUMBER: US/09/696,791  
; CURRENT FILING DATE: 2000-10-25  
; NUMBER OF SEQ ID NOS: 4523  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 208  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: Cdk2 ribozyme binding site  
US-09-696-791-208

Query Match 0.4%; Score 14.2; DB 1; Length 19;

Best Local Similarity 84.2%; Pred. No. 7e+02; Mismatches 3; Indels 0; Gaps 0;

Matches 16; Conservative 0;

QY 654 GAATGGCAGCAAGTGGGCC 672

Db 19 GAATGGCAGAAAGCTAGGC 1

## RESULT 580

US-09-696-791-347  
; Sequence 347, Application US/09696791  
; Patent No. 6770633

## GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.  
; APPLICANT: Tritz, Richard  
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
; TITLE OF INVENTION: SKIN AND EYE DISEASES

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; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 347
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-347

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1673 TCGCAGACTTCGGGCTGGC 1691
Db 1 TGGCTGACTTCGGCCTGGC 19

RESULT 581
US-09-696-791-584
; Sequence 584, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 584
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-584

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1673 TCGCAGACTTCGGGCTGGC 1691
Db 1 TGGCTGACTTCGGCCTGGC 19

RESULT 582
US-09-696-791-585
; Sequence 585, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 585
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk6 ribozyme binding site
US-09-696-791-585

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1673 TCGCAGACTTCGGGCTGGC 1691
Db 1 TGGCTGACTTCGGCCTGGC 19

RESULT 583
US-09-696-791-870
; Sequence 870, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 870
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk8 ribozyme binding site
US-09-696-791-870

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2001 GCAGCTGGTGGAGGACCTG 2019
Db 1 GGAGCGGGTCGAGGACCTG 19

RESULT 584
US-09-696-791-1835
; Sequence 1835, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1835
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1835

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1875 GGAGGAGCTCTTCAAGCTG 1893
Db 1 GGAGGAGGTCTTCCGCTG 19
```

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RESULT 585
US-09-696-791-2537
; Sequence 2537, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2537
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin F ribozyme binding site
US-09-696-791-2537

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 2120 CCTCAGGGGACGACTCCGT 2138
Db 1 CCTCAGGGTACTCTCCGT 19

RESULT 586
US-09-696-791-3708
; Sequence 3708, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3708
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3708

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 2745 GGGAGCCTTACCTTTTAT 2763
Db 1 GGGAGCCTTAAACTTAT 19

RESULT 587
US-09-835-370-19
; Sequence 19, Application US/09835370
; Patent No. 6777544
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
```

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; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-19

Query Match      0.4%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 184 GGGAGGACGAGGCTGAGG 202
Db 1 GGGAGGAGGAGGATGAGG 19

RESULT 588
US-07-626-618A-3/c
; Sequence 3, Application US/07626618A
; Patent No. 5422265
; GENERAL INFORMATION:
; APPLICANT: Van Tol, Hubert H.M.
; APPLICANT: Civelli, Olivier
; TITLE OF INVENTION: A No. 5422265el Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/626,618A
; FILING DATE: 7 DEC 1990
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5422265nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 90,1092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; TELEX: 810-221-8317
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: intron
; LOCATION: 1..20
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /partial
; OTHER INFORMATION: /cons splice= (5'site: YES, 3'site: NO)
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /label= intron
; OTHER INFORMATION: /note= "This is the 5' sequence of an intron
; OTHER INFORMATION: estimated to be 2.0 kilobases in length"
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US-07-626-618A-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCCGCGAGCGGCTCAC 116  
DB 19 GCGGCGGAGCGGCTCAC 1

RESULT 589

US-08-063-167A-62  
Sequence 62, Application US/08063167A  
Patent No. 5514788

GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodland Falls Corporate Park  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/063,167A  
FILING DATE: 19930517  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209  
FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0002  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

US-08-063-167A-62  
Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGAGGG 3398  
DB 2 CTGTGTGTCCTCCAGGAGGG 20

RESULT 590

US-07-928-611-3/c  
Sequence 3, Application US/07928611  
Patent No. 5569601  
GENERAL INFORMATION:  
APPLICANT: Van Tol, Hubert H.M.  
TITLE OF INVENTION: A No. 5569601el Human Dopamine Receptor and Uses  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Allegretti & Witcoff, Ltd.  
STREET: 10 South Wacker Drive, Suite 3000  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/928,611  
FILING DATE: 19920810  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5569601nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 90,1092-B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
TELEX: 810-221-8317

INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: intron  
LOCATION: 1..20  
IDENTIFICATION METHOD: experimental  
OTHER INFORMATION: /partial  
OTHER INFORMATION: /cons splice= (5'site: YES, 3'site: NO)  
OTHER INFORMATION: /evidence= EXPERIMENTAL  
OTHER INFORMATION: /label= Intron1  
OTHER INFORMATION: /note= "This is the 5' sequence of an intron  
estimated to be 2.0 kilobases in length"  
US-07-928-611-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCCGCGAGCGGCTCAC 116  
DB 19 GCGGCGGAGCGGCTCAC 1

RESULT 591

US-08-007-997A-62  
Sequence 62, Application US/08007997A  
Patent No. 5591623

GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 82  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5591623ris

STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/007,997A  
FILING DATE: 19930121  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA: PCT/US91/05209  
FILING DATE: July 23, 1991  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0709  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-007-997A-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGAGGG 3398  
|||||  
Db 2 CTGTGTGTCCTCCAGGAGGG 20

RESULT 592  
US-08-333-977-3/c  
Sequence 3, Application US/08333977  
Patent No. 5594108  
GENERAL INFORMATION:  
APPLICANT: Van Tol, Hubert H.M.  
APPLICANT: Civielli, Olivier  
TITLE OF INVENTION: A No. 5594108a1 Human Dopamine Receptor and Uses  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Allegretti & Witcoff, Ltd.  
STREET: 10 South Wacker Drive, Suite 3000  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/333,977  
FILING DATE: 03-NOV-1994  
CLASSIFICATION: 530

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/626,618  
FILING DATE: 7 DEC 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: No. 5594108nan, Kevin E  
REGISTRATION NUMBER: 35,303  
REFERENCE/DOCKET NUMBER: 90,1092  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
TELEX: 810-221-8317  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: intron  
LOCATION: 1..20  
IDENTIFICATION METHOD: experimental  
OTHER INFORMATION: /partial  
OTHER INFORMATION: /cons\_splices= (5'site: YES, 3'site: NO)  
OTHER INFORMATION: /evidence= EXPERIMENTAL  
OTHER INFORMATION: /label= Intron1  
OTHER INFORMATION: /note= "This is the 5' sequence of an intron  
estimated to be 2.0 kilobases in length"  
US-08-333-977-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCGCGCAGCGGCTCAC 116  
|||||  
Db 19 GCGCGCGGAGCGGCTCAC 1

RESULT 593  
US-08-530-492-120  
Sequence 120, Application US/08530492  
Patent No. 5689052  
GENERAL INFORMATION:  
APPLICANT: Brown, Sherri M.  
APPLICANT: Dean, Duff A.  
APPLICANT: Fromm, Michael E.  
APPLICANT: Sanders, Patricia R.  
TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced  
TITLE OF INVENTION: Expression in Monocotyledonous Plants and Method For  
PREPARATION THEREOF  
NUMBER OF SEQUENCES: 164  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dennis R. Hoerner, Jr., Monsanto Co. BB4F  
STREET: 700 Chesterfield Parkway No. 5689052h  
CITY: St. Louis  
STATE: Missouri  
COUNTRY: USA  
ZIP: 63198  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/530,492  
FILING DATE:  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/172,333  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Hoerner Jr., Dennis R.

REGISTRATION NUMBER: 30,914  
REFERENCE/DOCKET NUMBER: 38-21(10605)A  
TELEPHONE: (314)537-6099  
TELEFAX: (314)537-6047  
INFORMATION FOR SEQ ID NO: 120:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
US-08-530-492-120

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2617 GCTGCGAGGAGCCAC 2635  
DB 2 GTCGCGAGATGCCAC 20

RESULT 594  
US-08-255-892-77/c  
Sequence 77, Application US/08255892  
Patent No. 5695926

GENERAL INFORMATION:  
APPLICANT: CROS, PHILIPPE  
APPLICANT: ALLIBERT, PATRICE  
APPLICANT: MALLET, FRANCOIS  
APPLICANT: MABILAT, CLAUDE  
APPLICANT: MANDRAND, BERNARD  
TITLE OF INVENTION: PROCEDURE FOR DETECTION OF A NUCLEOTIDE  
TITLE OF INVENTION: SEQUENCE BY IMPLEMENTING THE SANDWICH HYBRIDIZATION  
NUMBER OF SEQUENCES: 113

CORRESPONDENCE ADDRESS:  
ADDRESSER: CUSHMAN, DARBY & CUSHMAN  
STREET: 1100 NEW YORK AVENUE, N.W.  
CITY: WASHINGTON  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/255,892  
FILING DATE:

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/834,543  
FILING DATE: 11-FEB-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: DEEVER, DONALD B.  
REGISTRATION NUMBER: 23,048  
REFERENCE/DOCKET NUMBER: 1032/94109  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-822-0944  
TELEX: 6714627 CUSH

INFORMATION FOR SEQ ID NO: 77:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-255-892-77

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1659 CAACGTGATGATCGCA 1677  
DB 20 CAGCGTGATAGATCGCA 2

RESULT 595  
US-08-605-089-18/c  
Sequence 18, Application US/08605089  
Patent No. 5719026  
GENERAL INFORMATION:  
APPLICANT: Takafumi FUKUI  
APPLICANT: Kiyonori KATSURAGI  
APPLICANT: Moritoshi KINOSHITA  
APPLICANT: Sadahiro SHIN  
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF  
TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSER: SUGRUE, MION, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20037

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/605,089  
FILING DATE: 06-MAR-1996

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JPA-6-154571  
FILING DATE: 06-JUL-1994  
APPLICATION NUMBER: PCT/JP95/01352  
FILING DATE: 06-JUL-1995  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 BASES  
TYPE: NUCLEOTIDE  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: DNA  
US-08-605-089-18

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3426 TGTGTGAGGTTCCGATG 3444  
DB 19 TGTGTGAGGTTCCGAGT 1

RESULT 596  
US-08-778-702-6  
Sequence 6, Application US/08778702  
Patent No. 5763186  
GENERAL INFORMATION:  
APPLICANT: Ludtke, Douglas N.  
APPLICANT: Monahan, John E.  
APPLICANT: Unger, John T.  
TITLE OF INVENTION: Use of Antisense Oligomers in a  
TITLE OF INVENTION: Process for Controlling Contamination in Nucleic Acid  
TITLE OF INVENTION: Amplification Reactions  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Ciba Corning Diagnostics Corp.  
STREET: 63 No. 5763186th Street

;  
; CITY: Medfield  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02052  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette 3.5 inch, 1.44 Mb storage  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: IBM-DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/778,702  
; FILING DATE: 03-JAN-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/157,364  
; FILING DATE: 23-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: MORGENSTERN, Arthur S.  
; REGISTRATION NUMBER: 28,244  
; REFERENCE/DOCKET NUMBER: CCD-141  
; TELEPHONE: 508 359-3836  
; TELEFAX: 508 359-3885  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; MOLECULE TYPE: Called Nano-44.  
; HYPOTHETICAL: NO  
; ANTI-SENSE: Yes  
; POSITION IN GENOME:  
; UNITS: Base 28 to base 47 of the positive strand  
; UNITS: of the nanovariant sequence.  
; US-08-778-702-6

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 GGTTCCTCATCACTCTGC 830  
Db 1 GGTTCCTCATCACTCTAC 19

RESULT 597  
US-08-147-843-3/c  
; Sequence 3, Application US/08147843  
; Patent No. 5766948  
; GENERAL INFORMATION:  
; APPLICANT: Gage, Fred H.  
; APPLICANT: Ray, Jasodhara  
; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/147,843  
; FILING DATE: 03-NOV-1993  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:

;  
; NAME: Wetherell, Jr., Ph.D., John R.  
; REGISTRATION NUMBER: 31,678  
; REFERENCE/DOCKET NUMBER: PD-3107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 455-5100  
; TELEFAX: (619) 455-5110  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; IMMEDIATE SOURCE:  
; CLONE: GFAP Forward Primer  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..20  
; US-08-147-843-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGGTGCGAGGT 2403  
Db 19 TGCTCAGGTGCGAGGT 1

RESULT 598  
US-08-602-203-3/c  
; Sequence 3, Application US/08602203  
; Patent No. 5770414  
; GENERAL INFORMATION:  
; APPLICANT: Gage et al., Fred H.  
; TITLE OF INVENTION: REGULATABLE RETROVIRUS SYSTEM FOR  
; TITLE OF INVENTION: GENETIC MODIFICATION OF CELLS  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/602,203  
; FILING DATE: 20-FEB-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haile, Lisa A.  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: 07257/024001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619/678-5070  
; TELEFAX: 619/678-5099  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-602-203-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGGTGCAGAGGT 2403  
||||| ||||| |||||  
Db 19 TGCTCAGGTGCCGAGGT 1

## RESULT 599

US-08-440-740A-62  
; Sequence 62, Application US/08440740A  
; Patent No. 5843738  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/440,740A  
; FILING DATE: May 12, 1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 063,167  
; FILING DATE: May 17, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 969,151  
; FILING DATE: February 10, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 007,997  
; FILING DATE: January 20, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0133  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 62:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-440-740A-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTCTCCAGGCGAGG 3398  
||||| ||||| |||||  
Db 2 CTGTGTCTCCAGGCGAGG 20

## RESULT 600

US-08-518-862C-16/c  
; Sequence 16, Application US/0851862C

; Patent No. 5843757  
; GENERAL INFORMATION:  
; APPLICANT: Vogelstein, Bert  
; APPLICANT: Kinzler, Kenneth W.  
; APPLICANT: Nicolaides, Nicholas C.  
; TITLE OF INVENTION: Human JTV1 Gene Overlaps PMS2 Gene  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Ltd.  
; STREET: 1001 G Street, N.W.  
; CITY: Washington, D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20001  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/518,862C  
; FILING DATE: 24-AUG-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kagan, Sarah A.  
; REGISTRATION NUMBER: 32,141  
; REFERENCE/DOCKET NUMBER: 01107.49697  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-508-9100  
; TELEFAX: 202-508-9299  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
US-08-518-862C-16

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795  
||||| ||||| ||||| |||||  
Db 20 GACGAGTCTTCACTAACC 2

## RESULT 601

US-08-910-629A-61  
; Sequence 61, Application US/08910629A  
; Patent No. 5877309  
; GENERAL INFORMATION:  
; APPLICANT: Robert A. McKay  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Brett Monia  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK  
; NUMBER OF SEQUENCES: 86  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
; MEDIUM TYPE: STORAGE  
; COMPUTER: PENTIUM



[illegible]

```
Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGAGG 3398
|||||
Db 2 CTGTGTGTCCTGGAGG 20

RESULT 604
US-08-487-811A-3/c
; Sequence 3, Application US/08487811A
; Patent No. 5883226
; GENERAL INFORMATION:
; APPLICANT: Civelli, Olivier
; APPLICANT: Van Tol, Hubert H.M.
; TITLE OF INVENTION: A No. 5883226a1 Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,811A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5883226nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 90,1092-L
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-913-0001
; TELEFAX: 312-913-0002
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: intron
; LOCATION: 1..20
; IDENTIFICATION METHOD: experimental
; OTHER INFORMATION: /partial
; OTHER INFORMATION: /cons splice= (5'site: YES, 3'site: NO)
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /label= intron
; OTHER INFORMATION: /note= "This is the 5' sequence of an intron
; OTHER INFORMATION: estimated to be 2.0 kilobases in length"
; US-08-487-811A-3

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCCGCGAGCGGCTCAC 116
|||||
Db 19 GCGCGCGAGCGGCTCAC 1

RESULT 605
US-08-488-177-83/c
; Sequence 3, Application US/08481072A
; Patent No. 5916807
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5916807ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
```

```
; Sequence 83, Application US/08488177
; Patent No. 5885970
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5885970ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,177
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1995
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-488-177-83

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGTCCTCTCTGG 1830
|||||
Db 19 CTGTGGGTCCTCTCTGG 1

RESULT 606
US-08-481-072A-83/c
; Sequence 83, Application US/08481072A
; Patent No. 5916807
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5916807ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
```

Kinase C

```
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,072A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-481-072A-83

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 1812 CTTTGGGTCCTGCTCTGG 1830
Db 19 CTGTGGGTCCCTGCTCTGG 1

RESULT 607
US-08-664-336-83/c
; Sequence 83, Application US/08664336
; Patent No. 5922686
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5922686ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,336
; FILING DATE: herewith
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 089,996
; FILING DATE: July 9, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2345
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-481-066A-83

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 1812 CTTTGGGTCCTGCTCTGG 1830
Db 19 CTGTGGGTCCCTGCTCTGG 1

RESULT 608
US-08-481-066A-83/c
; Sequence 83, Application US/08481066A
; Patent No. 5959096
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5959096ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,066A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-481-066A-83

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
QY 1812 CTTTGGGTCCTGCTCTGG 1830
Db 19 CTGTGGGTCCCTGCTCTGG 1

RESULT 609
US-09-100-398-2/c
; Sequence 2, Application US/09100398
```

```

COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/578,615A
FILING DATE: 11-JAN-1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 852,852
FILING DATE: 16-MAR-1992
APPLICATION NUMBER: 08/089,996
FILING DATE: 09-JUL-1993
APPLICATION NUMBER: 08/199,779
FILING DATE: 22-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1568
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 91:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
ANTI-SENSE: yes
US-08-578-615A-91

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels

QY 1812 CTTGGGGTCTGCTCTGG 1830
Db 19 CTGTGGGTCTGCTCTGG 1

RESULT 612
US-08-982-845B-62
Sequence 62, Application US/08982845B
Patent No. 6015894
GENERAL INFORMATION:
APPLICANT: Bennett and Mirabelli
TITLE OF INVENTION: Oligonucleotide Modulation
TITLE OF INVENTION: of Cell Adhesion
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: Windows 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/982,845B
FILING DATE: December 2, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/440,740
FILING DATE: May 12, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 063,167

```

; FILING DATE: May 17, 1993  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 969,151  
 ; FILING DATE: February 10, 1993  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 007,997  
 ; FILING DATE: January 21, 1993  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 939,855  
 ; FILING DATE: September 2, 1992  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 567,286  
 ; FILING DATE: August 14, 1990  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Jane Massey Licata  
 ; REGISTRATION NUMBER: 32,257  
 ; REFERENCE/DOCKET NUMBER: ISPH-0243  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (609) 779-2400  
 ; TELEFAX: (609) 779-8488  
 ; INFORMATION FOR SEQ ID NO: 62:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20  
 ; TYPE: Nucleic Acid  
 ; STRANDEDNESS: Single  
 ; TOPOLOGY: Linear  
 ; ANTI-SENSE: Yes  
 ;  
 ; US-08-982-845B-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGAGG 3398  
 |||||  
 DB 2 CTGTGTGTCCTCCAGGAGG 20

## RESULT 613

; US-09-065-883-3/c  
 ; Sequence 3, Application US/09065883  
 ; Patent No. 6020197  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gage, Fred H.  
 ; APPLICANT: Ray, Jasodhara  
 ; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS  
 ; FILE REFERENCE: 07257/013004  
 ; CURRENT APPLICATION NUMBER: US/09/065,883  
 ; CURRENT FILING DATE: 1998-04-24  
 ; EARLIER APPLICATION NUMBER: 08/147,843  
 ; EARLIER FILING DATE: 1993-11-03  
 ; EARLIER APPLICATION NUMBER: 08/001,543  
 ; EARLIER FILING DATE: 1993-01-06  
 ; NUMBER OF SEQ ID NOS: 4  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 3  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Oligonucleotides for PCR  
 ;  
 ; US-09-065-883-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGGTGCAGAGGT 2403  
 |||||  
 DB 19 TGCTCCAGGTGCAGAGGT 1

## RESULT 614

; US-08-745-892-19/c  
 ; Sequence 19, Application US/08745892  
 ; Patent No. 6040146  
 ; GENERAL INFORMATION:  
 ; APPLICANT: HOLLAND, JAMES  
 ; APPLICANT: POGO, BEATRIZ  
 ; TITLE OF INVENTION: DETECTION OF MAMMARY TUMOR VIRUS-LIKE  
 ; NUMBER OF SEQUENCES: 20  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Brumbaugh, Graves, Donohue & Raymond  
 ; STREET: 30 Rockefeller Plaza  
 ; CITY: New York  
 ; STATE: NY  
 ; COUNTRY: USA  
 ; ZIP: 10112-0228  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: DOS  
 ; SOFTWARE: FastSeq Version 1.5  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/745,892  
 ; FILING DATE: 08-NOV-1996  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/555,394  
 ; FILING DATE: 09-NOV-1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Kole, Lisa B  
 ; REGISTRATION NUMBER: 35,225  
 ; REFERENCE/DOCKET NUMBER: A30363-A - 165/35211  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 212-408-2628  
 ; TELEFAX: 212-765-2519  
 ; TELEX:  
 ; INFORMATION FOR SEQ ID NO: 19:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 20 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; FRAGMENT TYPE:  
 ; ORIGINAL SOURCE:  
 ;  
 ; US-08-745-892-19

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
 Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2334 CGTGTGTGTGTGTGTGC 2352  
 |||||  
 DB 20 CGTGTGTGTGTGTGTGC 2

## RESULT 615

; US-09-095-769-3/c  
 ; Sequence 3, Application US/09095769  
 ; Patent No. 6045807  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Gage, Fred H.  
 ; APPLICANT: Ray, Jasodhara  
 ; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS  
 ; NUMBER OF SEQUENCES: 4  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Spensley Horn Jubas & Lubitz  
 ; STREET: 1880 Century Park East, Suite 500  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: USA  
 ; ZIP: 90067

```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/095,769
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/147,843
; FILING DATE: 03-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-3107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: GFAP Forward Primer
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..20
US-09-095-769-3

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred.No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
; RESULT 616
; US-09-357-070-22/c
; Sequence 22, Application US/09357070
; Patent No. 6046049
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3 KINASE P110 DELTA EXPRESSION
; FILE REFERENCE: RTS-0076
; CURRENT APPLICATION NUMBER: US/09/357,070
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-070-22

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred.No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
; QY      1203 GCCCTTGGGAGGCGTCG 1221
; Db      20 GCCCCTGGGGTGGA CTGC 2
;
; RESULT 617
; US-09-073-465-14
; Sequence 14, Application US/09073465
; Patent No. 6054278
; GENERAL INFORMATION:
; APPLICANT: DODGE, Deborah E
; APPLICANT: SMITH, Doug
; TITLE OF INVENTION: RIBOSOMAL RNA GENE POLYMORPHISM BASED MICROORGANISM
; TITLE OF INVENTION: IDENTIFICATION
; FILE REFERENCE: 4343 US
; CURRENT APPLICATION NUMBER: US/09/073,465
; CURRENT FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Bacterial
US-09-073-465-14

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred.No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
; QY      175 GACGAAAGCGGGGATGACG 193
; Db      1 GAGGAAGCGGGGATGACG 19
;
; RESULT 618
; US-09-073-465-15/c
; Sequence 15, Application US/09073465
; Patent No. 6054278
; GENERAL INFORMATION:
; APPLICANT: DODGE, Deborah E
; APPLICANT: SMITH, Doug
; TITLE OF INVENTION: RIBOSOMAL RNA GENE POLYMORPHISM BASED MICROORGANISM
; TITLE OF INVENTION: IDENTIFICATION
; FILE REFERENCE: 4343 US
; CURRENT APPLICATION NUMBER: US/09/073,465
; CURRENT FILING DATE: 1998-05-05
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Bacterial
US-09-073-465-15

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred.No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

;
; QY      175 GACGAAAGCGGGGATGACG 193
; Db      20 GAGGAAGCGGGGATGACG 2
;
; RESULT 619
; US-08-991-525B-62
; Sequence 62, Application US/08991525B
; Patent No. 6093811
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
```

STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/991,525B  
FILING DATE: December 16, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 21, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0247  
TELEPHONE: (856) 810-1515  
TELEFAX: (856) 810-1454  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

US-08-991-525B-62  
Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3380 CTGTGTGTCCTGGAGGG 3398  
Db 2 CTGTGTGTCCTGGAGGG 20  
RESULT 620  
US-09-085-759-62  
Sequence 62, Application US/09085759  
Patent No. 6096722  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett, Christopher Mirabelli,  
APPLICANT: Brenda Baker  
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion  
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion  
TITLE OF INVENTION: Molecule-Associated Diseases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 56 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/085,759  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0311  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-085-759-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 3380 CTGTGTGTCCTGGAGGG 3398  
Db 2 CTGTGTGTCCTGGAGGG 20  
RESULT 621  
US-08-909-954-5  
Sequence 5, Application US/08909954A  
Patent No. 6100058  
GENERAL INFORMATION:  
APPLICANT: Allen, Maxine J.  
APPLICANT: Buckler, Alan J.  
TITLE OF INVENTION: GAP12 Genes and their Uses  
FILE REFERENCE: SEQ-11P  
CURRENT APPLICATION NUMBER: US/08/909,954A  
CURRENT FILING DATE: 1997-08-12  
NUMBER OF SEQ ID NOS: 15  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: H. sapiens  
US-08-909-954-5  
Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2366 CCTGTGTGGTGGCATCT 2384  
|||||  
Db 1 CCTGTGTGCATCCACATCT 19

## RESULT 622

US-08-909-954-13  
; Sequence 13, Application US/08909954A  
; Patent No. 6100058  
; GENERAL INFORMATION:  
; APPLICANT: Allen, Maxine J.  
; APPLICANT: Buckler, Alan J.  
; TITLE OF INVENTION: GAP12 Genes and their Uses  
; FILE REFERENCE: SEQ-11P  
; CURRENT APPLICATION NUMBER: US/08/909,954A  
; CURRENT FILING DATE: 1997-08-12  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: H. sapiens  
US-08-909-954-13

Query Match 0.4%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2366 CCTGTGTGGTGGCATCT 2384  
|||||  
Db 1 CCTGTGTGCATCCACATCT 19

## RESULT 623

US-09-053-866-10/c  
; Sequence 10, Application US/09053866  
; Patent No. 6111075  
; GENERAL INFORMATION:  
; APPLICANT: Xu, Wenfeng  
; APPLICANT: Presnell, Scott R.  
; APPLICANT: Yee, David P.  
; APPLICANT: Foster, Donald C.  
; TITLE OF INVENTION: PROTEASE-ACTIVATED RECEPTOR  
; TITLE OF INVENTION: PAR4 (ZCHEMR2)  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ZymoGenetics, Inc.  
; STREET: 1201 Eastlake Avenue East  
; CITY: Seattle  
; STATE: WA  
; COUNTRY: USA  
; ZIP: 98102  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/053,866  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Leith, Debra K  
; REGISTRATION NUMBER: 32,619  
; REFERENCE/DOCKET NUMBER: 98-10  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 206-442-6674  
; TELEFAX: 206-442-6678

TELEX:  
; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-053-866-10

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2415 CCCCCTGCTGTGCAACGG 2433  
|||||  
Db 20 CCATGCTGCTGTGCTACGG 2

## RESULT 624

US-09-287-796-61  
; Sequence 61, Application US/09287796A  
; Patent No. 6133246  
; GENERAL INFORMATION:  
; APPLICANT: McKay, Robert A.  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Monia, Brett  
; APPLICANT: Nero, Pam  
; APPLICANT: Gaarde, William A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
; FILE REFERENCE: ISPH-0350  
; CURRENT APPLICATION NUMBER: US/09/287,796A  
; CURRENT FILING DATE: 1999-04-07  
; EARLIER APPLICATION NUMBER: 09/130,616  
; EARLIER FILING DATE: 1998-08-07  
; EARLIER APPLICATION NUMBER: 08/910,629  
; EARLIER FILING DATE: 1997-08-03  
; NUMBER OF SEQ ID NOS: 165  
; SEQ ID NO 61  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-287-796-61

Query Match 0.4%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3379 GCTGTGTGTCCGAGCAGG 3397  
|||||  
Db 2 GCTGGTTTCGAGCAGG 20

## RESULT 625

US-09-444-053-36/c  
; Sequence 36, Application US/09444053A  
; Patent No. 6165728  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION  
; FILE REFERENCE: RTS-0122  
; CURRENT APPLICATION NUMBER: US/09/444,053A  
; CURRENT FILING DATE: 1999-11-19  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 36  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide



## US-09-444-053-36

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 CGTGAAGATGCTGAAGAC 1311  
|||||  
Db 19 CGTGAAGACCTGAAGAC 1

## RESULT 626

US-09-444-053-54/c  
Sequence 54, Application US/09444053A  
Patent No. 6165728

## GENERAL INFORMATION:

APPLICANT: Donna T. Ward  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION  
FILE REFERENCE: RTS-0122  
CURRENT APPLICATION NUMBER: US/09/444,053A  
CURRENT FILING DATE: 1999-11-19  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 54  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

## US-09-444-053-54

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GTGAGGCTGACGAGCGG 883  
|||||  
Db 20 GAGGAGGTGACGAGCGG 2

## RESULT 627

US-09-444-053-61/c  
Sequence 61, Application US/09444053A  
Patent No. 6165728

## GENERAL INFORMATION:

APPLICANT: Donna T. Ward  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION  
FILE REFERENCE: RTS-0122  
CURRENT APPLICATION NUMBER: US/09/444,053A  
CURRENT FILING DATE: 1999-11-19  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 61  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

## US-09-444-053-61

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1533 GGAGCAGCTCACTTCAG 1551  
|||||  
Db 20 GGAGCAGCTCACTTCAG 2

## RESULT 628

US-09-433-699-60  
Sequence 60, Application US/09433699B  
Patent No. 6165786

## GENERAL INFORMATION:

APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION  
FILE REFERENCE: RTS-0109  
CURRENT APPLICATION NUMBER: US/09/433,699B  
CURRENT FILING DATE: 1999-11-03  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 60  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide

## US-09-433-699-60

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 921 CTTCTTCCTGTTTCATCTG 939  
|||||  
Db 2 CTTCTTCATTCATCTG 20

## RESULT 629

US-09-128-496-62  
Sequence 62, Application US/09128496  
Patent No. 6165079

## GENERAL INFORMATION:

APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053

## COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/128,496  
FILING DATE:

## CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0133  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 62:

## ; SEQUENCE CHARACTERISTICS:

; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-128-496-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTCTCCAGGAGGG 3398  
| | | | | | | | | | | | | | | | | | | |  
Db 2 CTGTGTCTCCAGGAGGG 20  
| | | | | | | | | | | | | | | | | | | |

## RESULT 630

US-08-906-517-120  
; Sequence 120, Application US/08906517  
; Patent No. 6180774

## ; GENERAL INFORMATION:

; APPLICANT: Brown, Sherri M.  
; APPLICANT: Dean, Duff A.  
; APPLICANT: Fromm, Michael E.  
; APPLICANT: Sanders, Patricia R.  
; TITLE OF INVENTION: Synthetic DNA Sequences Having Enhanced  
; TITLE OF INVENTION: Expression in Monocytoidous Plants and Method For  
; TITLE OF INVENTION: Preparation Thereof  
; NUMBER OF SEQUENCES: 164

## ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: TX

## ; COUNTRY: USA

; ZIP: 77210-4433

## ; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/08/906,517  
; FILING DATE: Concurrently Herewith

## ; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:  
; NAME: Kitchell, Barbara S.  
; REGISTRATION NUMBER: 33,928  
; REFERENCE/DOCKET NUMBER: MOBT:170  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 512-418-3000  
; TELEFAX: 512-474-7577

## ; INFORMATION FOR SEQ ID NO: 120:

## ; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-906-517-120

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2617 GCTGTGAGGAGGCCAC 2635  
| | | | | | | | | | | | | | | | | | | |  
Db 2 GTCTGAGAGATGCCAC 20  
| | | | | | | | | | | | | | | | | | | |

## RESULT 631

US-09-488-671-160/c  
; Sequence 160, Application US/09488671A

; Patent No. 6187545  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCK-CYTOSOLIC EXPRESSION  
; FILE REFERENCE: RTS-0123  
; CURRENT APPLICATION NUMBER: US/09/488,671A  
; CURRENT FILING DATE: 2000-01-21  
; NUMBER OF SEQ ID NOS: 177  
; SEQ ID NO 160  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
; US-09-488-671-160

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 42 GGGGCCCCGCGCTGCAG 60  
| | | | | | | | | | | | | | | | | | | |  
Db 20 GAGGCCACAGCTGCTGCAG 2  
| | | | | | | | | | | | | | | | | | | |

## RESULT 632

US-09-060-694-3/c

; Sequence 3, Application US/09060694  
; Patent No. 6203998

## ; GENERAL INFORMATION:

; APPLICANT: Civelli, Olivier  
; APPLICANT: Van Tol, Hubert H.M.  
; TITLE OF INVENTION: A No. 6203998el Human Dopamine Receptor and Uses  
; NUMBER OF SEQUENCES: 24

## ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff  
; STREET: 300 South Wacker Drive  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: USA  
; ZIP: 60606

## ; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/09/060,694  
; FILING DATE: 15-APR-1998  
; CLASSIFICATION: 530

## ; ATTORNEY/AGENT INFORMATION:

; NAME: No. 6203998nan, Kevin E  
; REGISTRATION NUMBER: 35,303  
; REFERENCE/DOCKET NUMBER: 90,1092-MM  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312-913-0001  
; TELEFAX: 312-913-0002  
; TELEX:

## ; INFORMATION FOR SEQ ID NO: 3:

## ; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: intron  
; LOCATION: 1..20  
; IDENTIFICATION METHOD: experimental  
; OTHER INFORMATION: /partial

```
; OTHER INFORMATION: /cons_splice= (5'site: YES, 3'site: NO)
; OTHER INFORMATION: /evidence= EXPERIMENTAL
; OTHER INFORMATION: /label= Intron1
; OTHER INFORMATION: /note= "This is the 5' sequence of an intron
; OTHER INFORMATION: estimated to be 2.0 kilobases in length"
US-09-060-694-3

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCCGCGCAGCGCTCAC 116
Db 19 GCGCGCGCAGCGCGCTCAC 1

RESULT 633
US-09-130-616-61
; Sequence 61, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-61

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3379 GCTGTGTGTCGCGCAGG 3397
Db 2 GCTGGGTTTCGCGCAGG 20

RESULT 634
US-08-931-858E-233/c
; Sequence 233, Application US/08931858E
; Patent No. 6222022
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, EUGENE M.
; APPLICANT: MILBRANDT, JEFFREY D
; APPLICANT: KOTZBAUER, PAUL T
; APPLICANT: LAMPE, PATRICIA A
; APPLICANT: KLEIN, ROBERT
; APPLICANT: DESAUVAGE, FRED
; TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
; NUMBER OF SEQUENCES: 239
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWELL & HAFERKAMP, L.C.
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MO
; COUNTRY: USA
; ZIP: 63105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,858E
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 971486
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-931-858E-233

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3660 CTGCAGGCGCATGGCTCAG 3678
Db 19 CTGCAGGCGCAGGCGCGAG 1

RESULT 635
US-09-487-445-92/c
; Sequence 92, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-92

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3260 GATATTTTATTTGCTTTGT 3278
Db 19 GCTATTTTGTTTGTTTGT 1

RESULT 636
US-08-884-427-3/c
; Sequence 3, Application US/08884427A
; Patent No. 6285175
; GENERAL INFORMATION:
; APPLICANT: Gage, Fred H.
; APPLICANT: Ray, Jasodhara
; TITLE OF INVENTION: Method for Production of Neuroblasts
; FILE REFERENCE: 07257/013002
; CURRENT APPLICATION NUMBER: US/08/884,427A
; CURRENT FILING DATE: 1997-06-27
; NUMBER OF SEQ ID NOS: 4
```

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
; OTHER INFORMATION: sequence
US-08-884-427-3

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCTCCAGGTGCAGAGGT 2403
Db 19 TGCTCAGGTGCCGAGGT 1

RESULT 637
US-09-489-868A-78
; Sequence 78, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-78

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3447 TTACATGTTACAAATATAT 3465
Db 2 TTACATGTTACAAATATAT 20

RESULT 638
US-09-593-711A-60/c
; Sequence 60, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-60

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3250 TTCCAGTGAAGATATTTTA 3268
Db 20 TTAAAGTGAAGACATTTTA 2

RESULT 641
US-09-009-490A-62
; Sequence 62, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
```

```
QY 243 CGAGCGGATGGACAAGAAG 261
Db 20 CGAGCGGCTGCAGAAGAAG 2

RESULT 639
US-09-593-711A-122
; Sequence 122, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 122
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-122

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 44 GCGCCGAGCGGCTGCAGGT 62
Db 1 GCGCGGAGCGGCTCCAGGT 19

RESULT 640
US-09-593-711A-241/c
; Sequence 241, Application US/09593711A
; Patent No. 6271030
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION
; FILE REFERENCE: RTS-0118
; CURRENT APPLICATION NUMBER: US/09/593,711A
; CURRENT FILING DATE: 2000-06-14
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-593-711A-241

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3250 TTCCAGTGAAGATATTTTA 3268
Db 20 TTAAAGTGAAGACATTTTA 2

RESULT 641
US-09-009-490A-62
; Sequence 62, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
```

NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Office of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,490A  
FILING DATE: January 20, 1998  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0268  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-009-490A-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. NO. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGAGGG 3398  
|||||  
Db 2 CTGTGTGTCCTCCAGGAGGG 20.

RESULT 642  
US-09-593-589-32/c  
Sequence 32, Application US/09593589  
Patent No. 630655  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Madeline M. Butler  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP ALPHA EXPRESSION  
FILE REFERENCE: RTS-0119  
CURRENT APPLICATION NUMBER: US/09/593,589  
CURRENT FILING DATE: 2000-06-13  
NUMBER OF SEQ ID NOS: 94

SEQ ID NO 32  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-593-589-32

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. NO. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2041 TTCACCGACGAGTACTCG 2059  
|||||  
Db 19 TTCACCGACGAGTCTCTGG 1  
|||||

RESULT 643  
US-08-050-482A-11/c  
Sequence 11, Application US/08050482A  
Patent No. 6312939  
GENERAL INFORMATION:  
APPLICANT: ROBERTS, Joseph  
MACALLISTER, Thomas W.  
SETHURAMAN, Natarajan  
FREEMAN, Abbie G.  
TITLE OF INVENTION: GENETICALLY ENGINEERED GLUTAMINASE AND  
ITS USE IN ANTIVIRAL AND ANTICANCER THERAPY  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY & LARDNER  
STREET: 3000 K Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/08/050,482A  
APPLICATION NUMBER: US/08/050,482A  
FILING DATE: 25-Apr-1995  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US92/10421  
FILING DATE: 04-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Bent, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 023032/0106  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 672-5300  
TELEFAX: (202) 672-5399  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 11:  
US-08-050-482A-11

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. NO. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 845 TGCACGCCGAGGAGGAGCT 863  
|||||  
Db 19 TGCACGCCCTGCAGGAGCT 1  
|||||

RESULT 644  
US-08-750-088A-66/c  
; Sequence 66, Application US/08750088A  
; Patent No. 6329138  
; GENERAL INFORMATION:  
; APPLICANT: DE BEENHOWER, HANS  
; APPLICANT: PORTAELS, FRAN OISE  
; APPLICANT: MACHTELINCKX, LIEVE  
; APPLICANT: JANNES, GEERT  
; APPLICANT: ROSSAU, RUDI  
; TITLE OF INVENTION: METHOD FOR DETECTION OF THE ANTIBIOTIC  
; TITLE OF INVENTION: RESISTANCE SPECTRUM OF MYCOBACTERIUM SPECIES  
; NUMBER OF SEQUENCES: 71  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
; STREET: 1100 NEW YORK AVENUE, SUITE 600  
; CITY: WASHINGTON  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20005-3934  
; COMPUTER READABLE FORM: disk  
; MEDIUM TYPE: Floppy  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/750,088A  
; FILING DATE: 21-FEB-1997  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GOLDSTEIN, JORGE A.  
; REGISTRATION NUMBER: 29,021  
; REFERENCE/DOCKET NUMBER: 1657.0010000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-371-2600  
; TELEFAX: 202-371-2540  
; INFORMATION FOR SEQ ID NO: 66:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-750-088A-66

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 355 GAGTCCGGCGGAGCACC 373  
DB 20 GAGTCCGGCGAGTGCACC 2

RESULT 645  
US-08-829-637A-83/c  
; Sequence 83, Application US/08829637A  
; Patent No. 6339066  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: Nicholas Dean  
; APPLICANT: Glenn Hoke  
; TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE  
; TITLE OF INVENTION: PHOSPHOROTHIOATE LINKAGES OF HIGH CHIRAL PURITY AND  
; TITLE OF INVENTION: WHICH MODULATE ai, all, , k, n, AND ISOFORMS OF  
; TITLE OF INVENTION: PROTEIN KINASE C  
; NUMBER OF SEQUENCES: 136  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: John W. Caldwell (28,937) Woodcock  
; ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris

STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/829,637A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/481,066  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,129  
FILING DATE: 06-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/469,851  
FILING DATE: 06-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/468,569  
FILING DATE: 06-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/089,996  
FILING DATE: 09-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/058,023  
FILING DATE: 05-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/777,007  
FILING DATE: 16-OCT-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/777,760  
FILING DATE: 15-OCT-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/852,852  
FILING DATE: 16-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/00243  
FILING DATE: 11-JAN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/566,977  
FILING DATE: 13-AUG-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/436,358  
FILING DATE: 11-JAN-1990  
ATTORNEY/AGENT INFORMATION:  
NAME:  
REGISTRATION NUMBER:  
REFERENCE/DOCKET NUMBER: ISIS-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-829-637A-83

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGGTCCCTCTGG 1830  
DB 19 CTGTGGGTCCTCTCTGG 1



```

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 415 to 863 of hMLH3
US-08-294-312B-69

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
Db 20 GACGAGTCTTCACTAACC 2

RESULT 651
US-09-659-791A-40/c
; Sequence 40, Application US/09659791A
; Patent No. 6383808
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RTS-0156
; CURRENT APPLICATION NUMBER: US/09/659,791A
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-659-791A-40

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 491 AGACGTACACGCTGGACGT 509
Db 20 AGACGCACATGCTGGATGT 2

RESULT 652
US-09-167-109-195
; Sequence 195, Application US/091671109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAP EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-195

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
Db 20 GACGAGTCTTCACTAACC 2

RESULT 653
US-08-468-024B-55/c
; Sequence 55, Application US/08468024B
; Patent No. 6416984
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PFI06P3
; CURRENT APPLICATION NUMBER: US/08/468,024B
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hMLH3 primer
US-08-468-024B-55

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
Db 20 GACGAGTCTTCACTAACC 2

RESULT 654
US-08-468-024B-66/c
; Sequence 66, Application US/08468024B
; Patent No. 6416984
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PFI06P3
; CURRENT APPLICATION NUMBER: US/08/468,024B
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 1 to 863 hMLH3
US-08-468-024B-66

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
Db 20 GACGAGTCTTCACTAACC 2

```



```
RESULT 655
US-08-024B-69/c
; Sequence 69, Application US/08468024B
; Patent No. 6416984
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PF106P3
; CURRENT APPLICATION NUMBER: US/08/468,024B
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
; PRIOR APPLICATION NUMBER: 08/210,143
; PRIOR FILING DATE: 1994-03-16
; PRIOR APPLICATION NUMBER: 08/187,757
; PRIOR FILING DATE: 1994-01-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer useful for amplifying codons 415 to 863 of hMLH3
US-08-024B-69

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTACAC 1795
Db 20 GACAGAGTCTTCACTACAC 2

RESULT 656
US-09-657-452A-106/c
; Sequence 106, Application US/09657452A
; Patent No. 6426188
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE ALPHA 1 EXPRESSION
; FILE REFERENCE: RTS-0125
; CURRENT APPLICATION NUMBER: US/09/657,452A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-452A-106

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 858 GGAGCTGGTGGAGGCTGAC 876
Db 19 GCAGCCGGTGGAGGATGAC 1

RESULT 657
US-09-301-836-1/c
; Sequence 1, Application US/09301836
; Patent No. 6436393
; GENERAL INFORMATION:
; APPLICANT: Bilbao, Guadalupe
; APPLICANT: Curiel, David
```

```
; APPLICANT: Contreras, Juan L.
; TITLE OF INVENTION: Adenoviral Vector Encoding Anti-Apoptotic Bcl-2
; FILE REFERENCE: D6078
; CURRENT APPLICATION NUMBER: US/09/301,836
; CURRENT FILING DATE: 1999-04-29
; EARLIER APPLICATION NUMBER: 60/083,434
; EARLIER FILING DATE: 1998-04-29
; NUMBER OF SEQ ID NOS: 2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: primer for PCR amplification to generate human
; OTHER INFORMATION: Bcl-2-specific fragment (-590 bp)
US-09-301-836-1

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1013 AGATCTCCCGCTTCCCGCT 1031
Db 19 ACATCTCCCGCATCCCACT 1

RESULT 658
US-09-479-130-10/c
; Sequence 10, Application US/09479130
; Patent No. 6436400
; GENERAL INFORMATION:
; APPLICANT: Xu, Wenfeng
; APPLICANT: Preenell, Scott R.
; APPLICANT: Yee, David P.
; APPLICANT: Foster, Donald C.
; TITLE OF INVENTION: PROTEASE-ACTIVATED RECEPTOR
; TITLE OF INVENTION: PAR4 (ZCHEMR2)
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Bastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/479,130
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Leith, Debra K
; REGISTRATION NUMBER: 32,619
; REFERENCE/DOCKET NUMBER: 98-10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6674
; TELEFAX: 206-442-6678
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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US-09-479-130-10

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 2415 CCCGCTGCTGTGCACGG 2433  
DB 20 CCATGCTGCTGTGCTACGG 2

RESULT 659

US-09-378-074-3/c  
; Sequence 3, Application US/09378074  
; Patent No. 6437114  
; GENERAL INFORMATION:  
; APPLICANT: Van Tol, Hubert H.M.  
; TITLE OF INVENTION: A No. 6437114el Human Dopamine Receptor and Uses  
; NUMBER OF SEQUENCES: 22  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Allegretti & Witcoff, Ltd. 3000  
; STREET: 10 South Wacker Drive, Suite 3000  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60606

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/378,074  
FILING DATE: 20-Aug-1999  
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/928,611

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: No. 6437114nan, Kevin E

REGISTRATION NUMBER: 35,303

REFERENCE/DOCKET NUMBER: 90,1092-B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-715-1000

TELEFAX: 312-715-1234

TELEX: 810-221-8317

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: intron

LOCATION: 1..20

IDENTIFICATION METHOD: experimental

OTHER INFORMATION: /partial

/cons\_splices= (5'site: YES, 3'site: NO)

/evidence= EXPERIMENTAL

/label= Intron1

/note= "this is the 5' sequence of an intron

estimated to be 2.0 kilobases in length"

SEQUENCE DESCRIPTION: SEQ ID NO: 3:

US-09-378-074-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCCGGCAGCGGTCTCAC 116

|| ||||| |||||

Db 19 GCGGCCGGACGCGGTCTAC 1

RESULT 660  
US-09-705-299-58/c  
; Sequence 58, Application US/09705299  
; Patent No. 6440737  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowser

; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE  
; FILE REFERENCE: RTS-0174  
; CURRENT APPLICATION NUMBER: US/09/705,299  
; CURRENT FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 86  
; SEQ ID NO 58  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-705-299-58

Query Match 0.4%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2235 AGCCACCCCTGCTGCTGT 2253

DB 19 AGCTAACCTGCTGCTGTT 1

||| ||||| |||||

RESULT 661

US-09-470-443-38

; Sequence 38, Application US/09470443

; Patent No. 644156

; GENERAL INFORMATION:

; APPLICANT: Lerman, Michael I.

; APPLICANT: Minna, John D.

; APPLICANT: Latif, Farida

; APPLICANT: Wei, Ming-Hui

; APPLICANT: Sekido, Yoshitaka

; APPLICANT: Duh, Fuh-Mei

; APPLICANT: Gao, Boning

; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof

; FILE REFERENCE: NIH-05043

; CURRENT APPLICATION NUMBER: US/09/470,443

; EARLIER FILING DATE: 1999-12-22

; EARLIER FILING DATE: 60/114,359

; NUMBER OF SEQ ID NOS: 114

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 38

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-470-443-38

Query Match 0.4%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3706 TGGTGGCCAGAGGTGTCAC 3724

DB 2 TGGTGGCCACAGCAGTCAC 20

||| ||||| |||||

RESULT 662

US-08-520-373D-30/c

; Sequence 30, Application US/08520373D

; Patent No. 6451763

```

: GENERAL INFORMATION:
: APPLICANT: Tombran-Tink, Joyce
: APPLICANT: Steele, Fintan R
: APPLICANT: Chader, Gerald J
: APPLICANT: Becerra, Sofia P
: APPLICANT: Johnson, Lincoln V
: APPLICANT: Rodriguez, Ignacio R
: TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR
: FILE REFERENCE: 2036-4203US1
: CURRENT APPLICATION NUMBER: US/08/520,373D
: CURRENT FILING DATE: 1995-08-29
: PRIOR APPLICATION NUMBER: 08/377,710
: PRIOR FILING DATE: 1995-01-25
: PRIOR APPLICATION NUMBER: 08/279,979
: PRIOR FILING DATE: 1994-07-25
: PRIOR APPLICATION NUMBER: 07/894,215
: PRIOR FILING DATE: 1992-06-04
: PRIOR APPLICATION NUMBER: 07/952,796
: PRIOR FILING DATE: 1992-09-24
: NUMBER OF SEQ ID NOS: 34
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 30
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
: OTHER INFORMATION: PRIMER
: OTHER INFORMATION: PRIMER 353
: US-08-520-373D-30

```

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2585 GTGGGCTCGGCCCTCCCA 2603  
db 20 GTTCGCTCGTCCGCTCCCA 2

```

RESULT 663
US-09-472-130A-10/c
; Sequence 10, Application US/09472130A
; Patent No. 6473765
; GENERAL INFORMATION:
; APPLICANT: Xu, Wenfeng
; APPLICANT: Presnell, Scott R.
; APPLICANT: Yee, David P.
; APPLICANT: Foster, Donald C.
; TITLE OF INVENTION: PROTEASE-ACTIVATED RECEPTOR PAR4
; TITLE OF INVENTION: (ZCHEMR2)
; FILE REFERENCE: 98-10D2
; CURRENT APPLICATION NUMBER: US/09/472,130A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/053,866
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; 09-472-130A-10
US-09-472-130A-10

```

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2415 CCCGCTGCTGTCAACGG 2433  
Db 20 CCATGCTGCTGTGCTACGG 2

```

RESULT 664
US-09-706-197-20/c
; Sequence 20, Application US/09706197
; Patent No. 64'5797
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: David Spector
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SR-CYP EXPRESSION
; FILE REFERENCE: RTS-0145
; CURRENT APPLICATION NUMBER: US/09/706,197
; CURRENT FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-706-197-20

```

Query Match	0.4%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 7.5e+02;		
Matches 16;	Conservative	0;	Mismatches 3;	Indels 0;
			Gaps	0;

Qy 3242 GGAGGTGATTCAGTGAAG 3260  
Db 20 GGTGGTGACTTCAGTGAAG 2

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RESULT 665
US-09-920-668-31/c
; Sequence 31, Application US/09920668
; Patent No. 6482644
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF D
; FILE REFERENCE: RTS-0246
; CURRENT APPLICATION NUMBER: US/09/920,668
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-668-31

```

Query Match	0.4%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 7.5e+02;		
Matches 16:	Conservative	0;	Mismatches 3;	Indels 0;
	Gap	0;		

Qy 258 GAAGCTGCTGGCCGTGCCG 276  
Db 19 GAAGCTGCTGGCCGCCCTG 1

RESULT 666  
US-09-658-688A-83/c  
; Sequence 83, Application US/09658688A  
; Patent No. 6498035  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; APPLICANT: William Gaarde  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK3 EXPRESSION  
; FILE REFERENCE: RTS-0143  
; CURRENT APPLICATION NUMBER: US/09/658,688A

; CURRENT FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 83  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-658-688A-83

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3377 TTGCTGCTGTGCCAGGCA 3395  
Db 19 TTGCTGCTTCTCCAGGCA 1

RESULT 667  
US-09-668-313A-80/c  
; Sequence 80, Application US/09668313A  
; Patent No. 6503756  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION  
; FILE REFERENCE: R1S-0127  
; CURRENT APPLICATION NUMBER: US/09/668,313A  
; CURRENT FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 247  
; SEQ ID NO 80  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-668-313A-80

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3026 GTATTTTCTAAAGCTATT 3044  
Db 19 GTATTTTGTAAACATTTT 1

RESULT 668  
US-09-216-393B-243  
; Sequence 243, Application US/09216393B  
; Patent No. 6514694  
; GENERAL INFORMATION:  
; APPLICANT: Milhausen, Michael James  
; TITLE OF INVENTION: TOXOPLASMA GONDII PROTEINS, NUCLEIC ACID MOLECULES, AND USES THEREOF  
; FILE REFERENCE: TX-1-C2  
; CURRENT APPLICATION NUMBER: US/09/216,393B  
; CURRENT FILING DATE: 1998-12-18  
; PRIOR APPLICATION NUMBER: 08/994,825  
; PRIOR FILING DATE: 1997-12-19  
; NUMBER OF SEQ ID NOS: 366  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 243  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Primer  
US-09-216-393B-243

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2850 TATGGAAGAGGAAAGGCT 2868  
Db 1 TGTGGCAGAGCAAAAGGCT 19

## RESULT 669

US-09-422-978-11617  
; Sequence 11617, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPL  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 11617  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: downstream amplification primer 99-11206 for SEQ 3752, in complete  
US-09-422-978-11617

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2847 ATATATGGAAGAGGAAAG 2865  
Db 2 AGATATGGAAGAGGAGAG 20

## RESULT 670

US-10-025-139-83/c  
; Sequence 83, Application US/10025139  
; Patent No. 6537973  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Holmlund, Jon I.  
; APPLICANT: Dorr, F. Andrew  
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein Kinase C  
; FILE REFERENCE: ISI94954  
; CURRENT APPLICATION NUMBER: US/10/025,139  
; CURRENT FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: US 08/829,637  
; PRIOR FILING DATE: 1997-03-31  
; PRIOR APPLICATION NUMBER: US 08/478,178  
; PRIOR FILING DATE: 1995-06-07  
; PRIOR APPLICATION NUMBER: US 08/089,996  
; PRIOR FILING DATE: 1993-07-09  
; PRIOR APPLICATION NUMBER: US 07/852,852  
; PRIOR FILING DATE: 1992-03-16  
; NUMBER OF SEQ ID NOS: 121  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 83  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

Query Match	0.43	Score 14.2	DB 1	Length 20
Best Local Similarity	84.2%	Pred. NO. 7.5e+03		
Matches 16: Conservative	0	Mismatches 3	Indels	Gaps

```

RESULT 680
US-08-465-679-55/c
; Sequence 55, Application US/08465679
; Patent No. 6610477
; GENERAL INFORMATION:
; APPLICANT: Haseltine et al.
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins
; FILE REFERENCE: PFI06P4
; CURRENT APPLICATION NUMBER: US/08/465,679
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: 08/294,312
; PRIOR FILING DATE: 1994-08-23
;

```

; PRIOR APPLICATION NUMBER: 08/210,143  
; PRIOR FILING DATE: 1994-03-16  
; PRIOR APPLICATION NUMBER: 08/187,757  
; PRIOR FILING DATE: 1994-01-27  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: hMLH3 primer  
US-08-465-679-55

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795  
||| ||||| ||||| |||||  
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 681  
US-08-465-679-66/c  
; Sequence 66, Application US/08465679  
; Patent No. 6610477  
; GENERAL INFORMATION:  
; APPLICANT: Haselaine et al.  
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
; FILE REFERENCE: PF106P4  
; CURRENT APPLICATION NUMBER: US/08/465,679  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: 08/294,312  
; PRIOR FILING DATE: 1994-08-23  
; PRIOR APPLICATION NUMBER: 08/210,143  
; PRIOR FILING DATE: 1994-03-16  
; PRIOR APPLICATION NUMBER: 08/187,757  
; PRIOR FILING DATE: 1994-01-27  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 66  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer useful for amplifying codons 1 to 863 hMLH3  
US-08-465-679-66

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795  
||| ||||| ||||| |||||  
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 682  
US-08-465-679-69/c  
; Sequence 69, Application US/08465679  
; Patent No. 6610477  
; GENERAL INFORMATION:  
; APPLICANT: Haselaine et al.  
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
; FILE REFERENCE: PF106P4  
; CURRENT APPLICATION NUMBER: US/08/465,679  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: 08/294,312  
; PRIOR FILING DATE: 1994-08-23  
; PRIOR APPLICATION NUMBER: 08/210,143  
; PRIOR FILING DATE: 1994-03-16  
; PRIOR APPLICATION NUMBER: 08/187,757

; PRIOR FILING DATE: 1994-01-27  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 69  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer useful for amplifying codons 415 to 863 of hMLH3  
US-08-465-679-69

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795  
||| ||||| ||||| |||||  
Db 20 GACAGAGTCTTCACTAACC 2

RESULT 683  
US-09-112-580-190/c  
; Sequence 190, Application US/09112580  
; Patent No. 6610539  
; GENERAL INFORMATION:  
; APPLICANT: WRIGHT, Jim A.  
; APPLICANT: YOUNG, Aiping  
; APPLICANT: DUGOURD, Dominique  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF  
; TITLE OF INVENTION: MICROORGANISMS  
; FILE REFERENCE: 032396-016  
; CURRENT APPLICATION NUMBER: US/09/112,580  
; CURRENT FILING DATE: 1998-07-09  
; EARLIER APPLICATION NUMBER: US 60/052,160  
; EARLIER FILING DATE: 1997-07-10  
; NUMBER OF SEQ ID NOS: 265  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 190  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Escherichia coli  
US-09-112-580-190

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2004 GCTGTGGAGGACCTGGAC 2022  
||| ||||| ||||| |||||  
Db 19 GCTGTGGAGGAGTGGAC 1

RESULT 684  
US-09-722-319-66/c  
; Sequence 66, Application US/09722319  
; Patent No. 6632607  
; GENERAL INFORMATION:  
; APPLICANT: DE BEENHOUWER, HANS  
; APPLICANT: PORTAELS, FRANCOISE  
; APPLICANT: MACHTELINCKX, LIEVE  
; APPLICANT: JANNES, GEERT  
; APPLICANT: ROSSAU, RUDI  
; TITLE OF INVENTION: Oligonucleotide Molecules for Use in Detection of Mycobacterium  
; TITLE OF INVENTION: Antibiotic Resistance  
; FILE REFERENCE: 1657.0010001  
; CURRENT APPLICATION NUMBER: US/09/722,319  
; CURRENT FILING DATE: 2000-11-28  
; PRIOR APPLICATION NUMBER: US 08/750,088  
; PRIOR FILING DATE: 1996-12-06  
; PRIOR APPLICATION NUMBER: PCT/EP95/02230  
; PRIOR FILING DATE: 1995-06-09  
; PRIOR APPLICATION NUMBER: EP 94870093.5  
; PRIOR FILING DATE: 1994-06-09

```
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-722-319-66

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 355 GAGTCCGGCGGCGAGCACC 373
Db 20 GAGTCCGGCGAGCTGCACC 2

RESULT 685
US-09-860-473-104/c
; Sequence 104, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-104

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1533 GGAGCAGCTCACTTCAAG 1551
Db 20 GGAGCGGCCCACTTCGAG 2

RESULT 686
US-09-860-473-105
; Sequence 105, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-105

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 736 CTAGAGGTTCTCTCCTTGC 754
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```
Db 1 CTAGAGGTTCTCTCCCGGC 19

RESULT 687
US-09-860-473-150/c
; Sequence 150, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-150

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1214 AGGGCTGCTTCGCCAGGT 1232
Db 19 AGGGTTGCTTCGGAGAGGT 1

RESULT 688
US-09-914-272A-9/c
; Sequence 9, Application US/09914272A
; Patent No. 6673913
; GENERAL INFORMATION:
; APPLICANT: Sakaguchi, No. 6673913uo
; APPLICANT: Kuwahara, Kazuhiko
; TITLE OF INVENTION: GANP Protein
; FILE REFERENCE: 050208-0014
; CURRENT APPLICATION NUMBER: US/09/914,272A
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: PCT/JP99/04634
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: 47035/1999
; PRIOR FILING DATE: 1999-02-24
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-914-272A-9

Query Match          0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 246 GCGGATGGACAGAAGCTG 264
Db 20 GCTTTGGACAGAAGCTG 2

RESULT 689
US-09-657-013-6
; Sequence 6, Application US/09657013
; Patent No. 6709817
; GENERAL INFORMATION:
; APPLICANT: Zoghbi, Huda Y.
```



```
; APPLICANT: Van den Veyver, Ignatia B
; APPLICANT: Amir, Ruthie
; APPLICANT: Francke, Uta
; TITLE OF INVENTION: Methods of Identifying Mutations in a Methyl-CPG-Binding Domain
; FILE REFERENCE: HO-P0189USI/05905371
; CURRENT APPLICATION NUMBER: US/09/657,013
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/152,778
; PRIOR FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-657-013-6

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2154 GCTGCCCGCCGCCGCCACC 2172
Db      1 GTTCCCCCGACCCGCCACC 19

RESULT 690
US-09-220-407-233/c
; Sequence 233, Application US/09220407
; Patent No. 6716600
; GENERAL INFORMATION:
; APPLICANT: JOHNSON, EUGENE M
; APPLICANT: MILBRANDT, JEFFREY D
; APPLICANT: KOTZBAUER, PAUL T
; APPLICANT: LAMPE, PATRICIA A
; APPLICANT: KLEIN, ROBERT
; APPLICANT: DESAUVAGE, FRED
; TITLE OF INVENTION: PERSEPHIN AND RELATED GROWTH FACTOR
; NUMBER OF SEQUENCES: 239
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWELL & HAFERKAMP, L.C.
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MO
; COUNTRY: USA
; ZIP: 63105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/220,407
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/931,858
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 971486
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

; APPLICANT: linear
; MOLECULE TYPE: CDNA
US-09-220-407-233

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3660 CTGCAGGCGCATGGCTCAG 3678
Db      19 CTGCAGGCGCAGGCGCGAG 1

RESULT 691
US-10-029-517-76
; Sequence 76, Application US/10029517
; Patent No. 6716627
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
; FILE REFERENCE: RTS-0352
; CURRENT APPLICATION NUMBER: US/10/029,517
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 107
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-76

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2380 CATCTTGCCTCCAGGTGCA 2398
Db      1 CATTTTGCCTCTGGGTGCA 19

RESULT 692
US-10-215-448-55/c
; Sequence 55, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-55

Query Match      0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      933 CATCTTGGTGGTGGCGGCT 951
Db      19 CAGCCTGGTGGTGGCGGCT 1

RESULT 693
US-09-758-881-138
; Sequence 138, Application US/09758881
```

; Patent No. 6727064  
; GENERAL INFORMATION:  
; APPLICANT: Karrae, James G  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
; FILE REFERENCE: ISPH-0532  
; CURRENT APPLICATION NUMBER: US/09/758,881  
; CURRENT FILING DATE: 2001-01-11  
; PRIOR APPLICATION NUMBER: PCT/US00/09054  
; PRIOR FILING DATE: 2000-04-06  
; PRIOR APPLICATION NUMBER: 09/288,461  
; PRIOR FILING DATE: 1999-04-08  
; NUMBER OF SEQ ID NOS: 152  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 138  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-758-881-138

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 GTGCACAAAGATCTCCCGCT 1024  
|||||  
Db 1 GTGCTCAAGATGCGCGCT 19

RESULT 694  
US-09-899-440-2/c  
; Sequence 2, Application US/09899440  
; Patent No. 6770753  
; GENERAL INFORMATION:  
; APPLICANT: Stein, Cy  
; TITLE OF INVENTION: PHOSPHOROTHIOATE ANTISENSE HEPARANASE OLIGONUCLEOTIDES  
; FILE REFERENCE: 0575/63180  
; CURRENT APPLICATION NUMBER: US/09/899,440  
; CURRENT FILING DATE: 2001-07-05  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (..)  
; OTHER INFORMATION: antisense oligonucleotide LB62  
US-09-899-440-2

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 297 CGCTGCCAGCGCGTGGC 315  
|||||  
Db 20 CGCTGCCAGCGCGTGGC 2

RESULT 695  
PCT-US93-07370-3/c  
; Sequence 3, Application PC/TUS9307370  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses  
; NUMBER OF SEQUENCES: 22  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/07370  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: intron  
; LOCATION: 1..20  
; IDENTIFICATION METHOD: experimental  
; OTHER INFORMATION: /partial  
; OTHER INFORMATION: /cons\_splice= (5'site: YES, 3'site: NO)  
; OTHER INFORMATION: /evidence= EXPERIMENTAL  
; OTHER INFORMATION: /label= Intron1  
; OTHER INFORMATION: /note= "This is the 5' sequence of an intron  
; OTHER INFORMATION: estimated to be 2.0 kilobases in length"  
PCT-US93-07370-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 7.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 98 GCTGCGGCGAGCGGCTCAC 116  
|||||  
Db 19 GCGGCGGAGCGGCTCAC 1

RESULT 696  
PCT-US93-08101-62  
; Sequence 62, Application PC/TUS9308101  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Woodland Falls Corporate Park  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/08101  
; FILING DATE: Herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/05209  
; FILING DATE: July 23, 1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100

```

; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; PCT-US93-08101-62

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3380 CTGTGTGTCCTCCAGGCGAGG 3398
Db 2 CTGTGTGTCCTCCAGGCGAGG 20

RESULT 697
PCT-US94-00185-3/c
; Sequence 3, Application PC/TUS9400185
; GENERAL INFORMATION:
; APPLICANT: Gage, Fred H.
; TITLE OF INVENTION: METHOD FOR PRODUCTION OF NEUROBLASTS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Juba & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/00185
; FILING DATE: 05-JAN-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-3107 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: GPAP Forward Primer
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..20
; PCT-US94-00185-3

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2385 TGCCTCAGGTGCAGAGGT 2403
Db 19 TGCCTCAGGTGCAGAGGT 1
```

```

RESULT 698
PCT-US94-07770-91/c
; Sequence 91, Application PC/TUS9407770
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and
; APPLICANT: Russell T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 119
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
; MEDIUM TYPE: STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/07770
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; APPLICATION NUMBER: 08/089,996
; FILING DATE: July 9, 1993
; APPLICATION NUMBER: 08/199,779
; FILING DATE: February 22, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1546
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; PCT-US94-07770-91

Query Match 0.4%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 7.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1812 CTTTGGGGTCTGCTCTGG 1830
Db 19 CTGTGGGTCTGCTCTGG 1

RESULT 699
US-09-750-401-20
; Sequence 20, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: complexes
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
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; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 23
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'-UTR sequence of Neuronal-Cadherin
US-09-750-401-20

Query Match      0.4%; Score 14.2; DB 1; Length 23;
Best Local Similarity 15.8%; Pred. No. 9e+02;
Matches 3; Conservative 13; Mismatches 3; Indels 0; Gaps 0;

QY 3115 TTTTATTTTAACTTATT 3133
DB 2 UUUUAAUUUUUUAUUUUU 20

RESULT 700
US-09-725-265-13
; Sequence 13, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 199953US0XDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-13

Query Match      0.4%; Score 14.2; DB 1; Length 30;
Best Local Similarity 70.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTGTGCTTTT 3285
DB 3 ATATATTTTTCCTTTTCTTTT 29

RESULT 701
US-09-556-127-13
; Sequence 13, Application US/09556127
; Patent No. 6699661
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA

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; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/09/556,127
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-556-127-13

Query Match      0.4%; Score 14.2; DB 1; Length 30;
Best Local Similarity 70.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTGTGCTTTT 3285
DB 3 ATATATTTTTCCTTTTCTTTT 29

RESULT 702
US-09-619-103-2/c
; Sequence 2, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 38
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a linker
US-09-619-103-2

Query Match      0.4%; Score 14.2; DB 1; Length 38;
Best Local Similarity 62.9%; Pred. No. 1.4e+03;
Matches 22; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 3307 GCATTTTCTTTAGGAGATTTATTTTGGACTTC 3341
DB 38 GCTTTTTCCTTTTTCCTTTTTCCTTTTTCCTTC 4

RESULT 703
US-08-222-177A-340
; Sequence 340, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dG-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison

```



SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/00282  
FILING DATE: 19920110  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: SCOTT, WATSON T.  
REGISTRATION NUMBER: 26581  
REFERENCE/DOCKET NUMBER: 91532-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
PCT-US92-00282-27

Query Match 0.4%; Score 14; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2832 ATATATATATATAA 2845  
Db 2 ATATATATATATAA 15

RESULT 707  
US-08-432-871C-52  
Sequence 52, Application US/08432871C  
Patent No. 5877010  
GENERAL INFORMATION:  
APPLICANT: Loeb, Lawrence A.  
APPLICANT: Black, Margaret E.  
TITLE OF INVENTION: THYMIDINE KINASE MUTANTS  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/432,871C  
FILING DATE: 02-MAY-1995  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 240052.409C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
TELEX: 3723836  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-432-871C-52

Query Match 0.4%; Score 14; DB 1; Length 16;

Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2677 CCCACCTCCAGGC 2690  
Db 3 CCCACCTCCAGGC 16  
RESULT 708  
US-09-270-956-52  
Sequence 52, Application US/09270956  
Patent No. 6451571  
GENERAL INFORMATION:  
APPLICANT: Loeb, Lawrence A.  
APPLICANT: Black, Margaret E.  
TITLE OF INVENTION: THYMIDINE KINASE MUTANTS  
NUMBER OF SEQUENCES: 104  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/270,956  
FILING DATE: 17-MAR-1999  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: McMasters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 240052.409C3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
TELEX: 3723836  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-270-956-52

Query Match 0.4%; Score 14; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2677 CCCACCTCCAGGC 2690  
Db 3 CCCACCTCCAGGC 16

RESULT 709  
US-09-371-772B-6067  
Sequence 6067, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6067  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6067

Query Match 0.4%; Score 14; DB 1; Length 16;  
Best Local Similarity 50.0%; Pred. No. 5.9e+02;  
Matches 7; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGT 2330  
|:|:|:|:|:|:|:  
Db 3 CUGUGUGUGUGUGU 16

RESULT 710  
US-08-292-620A-1667

; Sequence 1667, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1667:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-071-845-1667

Query Match 0.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 6.4e+02;  
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-292-620A-1667

Query Match 0.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 6.4e+02;  
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1880 AGCTCTTCAAGCTG 1893  
|:|:|:|:|:|:|:  
Db 2 AGCUCUUCAGCUG 15

RESULT 711

US-09-071-845-1667  
; Sequence 1667, Application US/09071845  
; Patent No. 6132967

; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1667:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-071-845-1667

Query Match 0.4%; Score 14; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 6.4e+02;

```

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy      1880 AGCTCTTCAAGCTG 1893
      |||:|:|:|:|
Db      2 AGCTCUUCAAGCUG 15

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RESULT 712
US-09-404-912-523
; Sequence 523, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCU/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 523
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-523

```

Query Match	0.4%;	Score 14;	DB 1;	Length 17;
Best Local Similarity	100.0%;	Pred. No. 6.4e+02;		
Matches	14;	Conservative	0;	Mismatches 0;
Indels				
QY	2327	GTGTGTGCGTGTGT	2340	
Db	4	GTGTGTGCGTGTGT	17	

```

RESULT 713
US-08-649-511A-7
; Sequence 7, Application US/08649511A
; Patent No. 5876932
; GENERAL INFORMATION:
; APPLICANT: Fischer, Achim
; TITLE OF INVENTION: Method for Gene Expression Analysis
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York
; STATE: New York
; COUNTRY: United States
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.0/ASCII standard
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/649,511A
; FILING DATE: 17-May-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 19518505.6
; FILING DATE: 19-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Schrofield, Mary Anne
; REGISTRATION NUMBER: 36,669
; REFERENCE/DOCKET NUMBER: HUBR 1085
; TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (212) 688-3200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-649-511A-7

Query Match 0.4%; Score 14; DB 1; Length 18;  
Best Local Similarity 77.8%; Pred. No. 6.9e+02;  
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

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RESULT 714
US-09-344-579-40
; Sequence 40, Application US/09344579
; Patent No. 6054316
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF ETS-2 EXPRESSION
; FILE REFERENCE: RTS-0063
; CURRENT APPLICATION NUMBER: US/09/344,579
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-579-40

```

Query Match	0.4%	Score 14;	DB 1;	Length 18;
Best Local Similarity	100.0%;	Pred. No. 6.9e+02;		
Matches 14;	Conservative	0;	Mismatches 0;	Indels 0;
Gaps	0;			

RESULT 715  
US-08-473-020A-9  
Sequence 9, Application US/08473020A  
Patent No. 5877273  
GENERAL INFORMATION:  
APPLICANT: Hance, Allan J  
APPLICANT: Grandchamp-Desraux, Bernard  
APPLICANT: Levy-Frebault, Veronique  
APPLICANT: Gicquel, Brigitte  
TITLE OF INVENTION: Nucleotide sequences of actinomycetales,  
TITLE OF INVENTION: applications to the synthesis or detection of nucleic  
TITLE OF INVENTION: acids, products of expression of such sequences and  
TITLE OF INVENTION: application as immunogenic compositions.  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Walter H. Dreger  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS



SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,020A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/623,729  
FILING DATE: 14-DEC-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Walter H  
REGISTRATION NUMBER: 24190  
REFERENCE/DOCKET NUMBER: A54435  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
US-08-473-020A-9

Query Match 0.4%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 8e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3199 GAGCTGGAGGATCC 3212  
DB 7 GAGCTGGAGGATCC 20

RESULT 716  
US-08-360-606B-27  
Sequence 27, Application US/08360606B  
Patent No. 5919617  
GENERAL INFORMATION:  
APPLICANT: Jnanendra K. Bhattacharjee  
APPLICANT: Richard C. Garrad  
APPLICANT: Paul L. Skatrud  
APPLICANT: Robert P. Peery  
TITLE OF INVENTION: Methods and Reagents for  
TITLE OF INVENTION: Detecting Fungal Pathogens in a  
TITLE OF INVENTION: Biological Sample  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff  
STREET: 300 S. Wacker Drive Suite 3200  
CITY: Chicago  
STATE: Illinois  
COUNTRY: U.S.A.  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: MS Word 7.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/360,606B  
FILING DATE: December 21, 1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Berghoff, Paul H.  
REGISTRATION NUMBER: 30,243  
REFERENCE/DOCKET NUMBER: 94,319  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312)913-0001  
TELEFAX: (312)913-0002  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-360-606B-27  
Query Match 0.4%; Score 14; DB 1; Length 20;  
Best Local Similarity 77.8%; Pred. No. 8e+02;  
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;  
QY 1351 ATGGAGATGATGAAGATG 1368  
DB 1 ATGCAGTTGATGAATK 18  
RESULT 717  
US-09-490-692-66/c  
Sequence 66, Application US/09490692  
Patent No. 6180353  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean  
APPLICANT: Lex M. Cowser  
TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION  
FILE REFERENCE: RTS-0120  
CURRENT APPLICATION NUMBER: US/09/490,692  
CURRENT FILING DATE: 2000-01-24  
NUMBER OF SEQ ID NOS: 176  
SEQ ID NO 66  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-490-692-66

Query Match 0.4%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 8e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 171 AGATGACGAGACG 184  
DB 16 AGATGACGAGACG 3

RESULT 718  
US-09-733-294A-86/c  
Sequence 86, Application US/09733294A  
Patent No. 6492171  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: William Gaarde  
APPLICANT: Susan M. Freier  
APPLICANT: Edward V. Wanciewicz  
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
FILE REFERENCE: ISPH-0527  
CURRENT APPLICATION NUMBER: US/09/733,294A  
CURRENT FILING DATE: 2000-12-07  
PRIOR APPLICATION NUMBER: 09/572,423  
PRIOR FILING DATE: 2000-05-16  
NUMBER OF SEQ ID NOS: 108  
SEQ ID NO 86  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-733-294A-86

Query Match 0.4%; Score 14; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 8e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2331

Db 20 TGTGTGTGTGTG 7  
|||||

RESULT 719  
US-09-232-785-359/c  
; Sequence 359, Application US/09232785  
; Patent No. 6733965  
; GENERAL INFORMATION:  
; APPLICANT: International Paper Co.  
; APPLICANT: Eht, Craig S.  
; APPLICANT: Nelson, C. Dana  
; TITLE OF INVENTION: MICROATELITE DNA MARKERS AND USES  
; FILE OF INVENTION: THEREOF  
; FILE REFERENCE: 4481/1818US1  
; CURRENT APPLICATION NUMBER: US/09/232,785  
; CURRENT FILING DATE: 1999-01-19  
; PRIOR APPLICATION NUMBER: 09/232,884  
; PRIOR FILING DATE: 1999-01-15  
; NUMBER OF SEQ ID NOS: 397  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 359  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Pinus taeda L.  
US-09-232-785-359

Query Match 0.4%; Score 14; DB 1; Length 27;  
Best Local Similarity 77.3%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;  
QY 2311 TTGGTCTGTGTGTGTGTGT 2332  
|||||  
Db 24 TTTGTTGTTGTTGTTGT 3  
|||||

RESULT 720  
US-08-222-177A-86  
; Sequence 86, Application US/08222177A  
; Patent No. 5582979  
; GENERAL INFORMATION:  
; APPLICANT: Weber, James L.  
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
; TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME  
; NUMBER OF SEQUENCES: 460  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dewitt Ross & Stevens, S.C.  
; STREET: 8000 Excelsior Drive, Suite 401  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: USA  
; ZIP: 53717-1914  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/222,177A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/341,562  
; FILING DATE: 21-APR-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sara, Charles S.  
; REGISTRATION NUMBER: 30,492  
; REFERENCE/DOCKET NUMBER: 09865.601  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 831-2100  
; TELEFAX: (608) 831-2106  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 86:  
Query Match 0.4%; Score 14; DB 1; Length 27;  
Best Local Similarity 77.3%; Pred. No. 1.1e+03;  
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;  
QY 2311 TTGGTCTGTGTGTGTGTGT 2332  
|||||  
Db 24 TTTGTTGTTGTTGTTGT 3  
|||||

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 39 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; IMMEDIATE SOURCE:  
; CLONE: mfd12rs  
US-08-222-177A-86  
Query Match 0.4%; Score 14; DB 1; Length 39;  
Best Local Similarity 60.5%; Pred. No. 1.4e+03;  
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;  
QY 608 ACAGTGACGACAGCCCATCCAGTGGCTCAAGCAC 645  
|||||  
Db 1 ACACACACACACACACATACACACACACACACAC 38  
|||||

RESULT 721  
US-08-222-177A-249  
; Sequence 249, Application US/08222177A  
; Patent No. 5582979  
; GENERAL INFORMATION:  
; APPLICANT: Weber, James L.  
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
; TITLE OF INVENTION: (dc-da)n.(dg-dt)n SEQUENCES AND METHODS OF USING SAME  
; NUMBER OF SEQUENCES: 460  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dewitt Ross & Stevens, S.C.  
; STREET: 8000 Excelsior Drive, Suite 401  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: USA  
; ZIP: 53717-1914  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/222,177A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/341,562  
; FILING DATE: 21-APR-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sara, Charles S.  
; REGISTRATION NUMBER: 30,492  
; REFERENCE/DOCKET NUMBER: 09865.601  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 831-2100  
; TELEFAX: (608) 831-2106  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 249:  
Query Match 0.4%; Score 14; DB 1; Length 44;  
Best Local Similarity 60.5%; Pred. No. 1.4e+03;  
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;  
QY 608 ACAGTGACGACAGCCCATCCAGTGGCTCAAGCAC 645  
|||||  
Db 5 ACACACACACACACACATACACACACACACACAC 42  
|||||

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 44 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; IMMEDIATE SOURCE:  
; CLONE: mfd69rs  
US-08-222-177A-249  
Query Match 0.4%; Score 14; DB 1; Length 44;  
Best Local Similarity 60.5%; Pred. No. 1.4e+03;  
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;  
QY 608 ACAGTGACGACAGCCCATCCAGTGGCTCAAGCAC 645  
|||||  
Db 5 ACACACACACACACACATACACACACACACACAC 42  
|||||

RESULT 722  
US-08-373-124A-1056  
; Sequence 1056, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1056:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-373-124A-1056

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 41.2%; Pred. No. 6.8e+02;  
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 3458 AAGTTTATATATCTA 3474  
Db 1 AAUUUAUAUAUAUA 17

RESULT 723  
US-08-435-628-1056  
; Sequence 1056, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth

; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1056:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-435-628-1056

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 41.2%; Pred. No. 6.8e+02;  
Matches 7; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 3458 AAGTTTATATATCTA 3474  
Db 1 AAUUUAUAUAUAUA 17

RESULT 724  
US-08-373-124A-1359/c  
; Sequence 1359, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627

/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Lyon & Lyon  
/ STREET: 633 West Fifth Street  
/ STREET: Suite 4700  
/ CITY: Los Angeles  
/ STATE: California  
/ COUNTRY: U.S.A.  
/ ZIP: 90071  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/373,124A  
/ FILING DATE: January 13, 1995  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/245,466  
/ FILING DATE: May 18, 1994  
/ APPLICATION NUMBER: 08/192,943  
/ FILING DATE: February 7, 1994  
/ APPLICATION NUMBER: 07/987,132  
/ FILING DATE: December 7, 1992  
/ APPLICATION NUMBER: 07/936,422  
/ FILING DATE: August 26, 1992  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 209/035  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 1359:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 17 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-373-124A-1359

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1346 CTGAGATGGAGATGATG 1362  
DB 17 CTGAGATGGAGGTGAGG 1

RESULT 725  
US-08-373-124A-2161/c  
; Sequence 2161, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:

/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/373,124A  
/ FILING DATE: January 13, 1995  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/245,466  
/ FILING DATE: May 18, 1994  
/ APPLICATION NUMBER: 08/192,943  
/ FILING DATE: February 7, 1994  
/ APPLICATION NUMBER: 07/987,132  
/ FILING DATE: December 7, 1992  
/ APPLICATION NUMBER: 07/936,422  
/ FILING DATE: August 26, 1992  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 209/035  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 2161:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 17 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-373-124A-2161

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2829 TACATATATATATATAA 2845  
DB 17 TACATATATATATAAAAA 1

RESULT 726  
US-08-758-306-59  
; Sequence 59, Application US/08758306  
; Patent No. 5807743  
; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: McSwiggen, James A.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES  
; TITLE OF INVENTION: ASSOCIATED WITH  
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
; NUMBER OF SEQUENCES: 1379  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/758,306  
; FILING DATE: December 3, 1996  
; CLASSIFICATION: 514

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-59

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 2699 TTCCACCCCTGCCCTC 2715
DB 1 UUUCACUCUGCCCCUC 17

RESULT 727
US-08-435-628-1359/c
; Sequence 1359, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 32,327

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-59

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1346 CTGAGATGGAGTGATG 1362
DB 17 CTGAGATGGAGTGAGG 1

RESULT 728
US-08-435-628-2161/c
; Sequence 2161, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2161:
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SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-435-628-2161

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 6.8e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2829 TACATATATATATATAA 2845  
 Db 17 TACATATATATAAAAA 1

RESULT 729  
 US-08-985-162-638  
 ; Sequence 638, Application US/08985162  
 ; Patent No. 6057156  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Akhtar, Saghir  
 ; APPLICANT: Fell, Patricia  
 ; APPLICANT: McSwiggen, James  
 ; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT  
 ; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
 ; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
 ; TITLE OF INVENTION: FACTOR RECEPTORS  
 ; NUMBER OF SEQUENCES: 1877  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: FastSeq for Windows 2.0  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/985,162  
 ; FILING DATE: 04 December 1997  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 60/036,476  
 ; FILING DATE: 31 January 1997  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 230/107  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 638:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-985-162-638

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 58.8%; Pred. No. 6.8e+02;  
 Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1803 CGTCTGCTCTTTGGGG 1819  
 Db 1 CAUCAGGUCCUUGGGG 17

RESULT 730  
 US-09-270-542-195  
 ; Sequence 195, Application US/09270542  
 ; Patent No. 6322976  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Aitman, Timothy  
 ; APPLICANT: Scott, James  
 ; APPLICANT: Stanton, Lawrence  
 ; TITLE OF INVENTION: Compositions and Methods of Disease Diagnosis and  
 ; TITLE OF INVENTION: Therapy  
 ; FILE REFERENCE: 4198/78179  
 ; CURRENT APPLICATION NUMBER: US/09/270,542  
 ; EARLIER FILING DATE: 1999-03-17  
 ; EARLIER APPLICATION NUMBER: 09/221,222  
 ; NUMBER OF SEQ ID NOS: 207  
 ; SOFTWARE: Patent in Ver. 2.0  
 ; SEQ ID NO 195  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Rattus norvegicus  
 ; US-09-270-542-195

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
 Best Local Similarity 88.2%; Pred. No. 6.8e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2575 ACATCAGGGTGGCT 2591  
 Db 1 ACATCAGGGTGGCT 17

RESULT 731  
 US-08-584-040-2805/c  
 ; Sequence 2805, Application US/08584040  
 ; Patent No. 6346398  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pavco, Pamela  
 ; APPLICANT: McSwiggen, James  
 ; APPLICANT: Stinchcomb, Dan T.  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 ; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 ; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 ; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 ; TITLE OF INVENTION: GROWTH FACTOR  
 ; NUMBER OF SEQUENCES: 8502  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/584,040  
 ; FILING DATE: January 11, 1996  
 ; CLASSIFICATION: 514  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 60/005,974  
 ; FILING DATE: October 26, 1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2805:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-2805

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3250 TTCCAGTGAAGATATTT 3266  
Db 17 TTCCATTTGAAATATTT 1

## RESULT 732

US-08-584-040-2845  
; Sequence 2845, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwigen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 2845:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-584-040-2845

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 6.8e+02;  
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 3251 TCCAGTGAAGATATTT 3267  
Db 1 UCCAGUGAUAUAUU 17

## RESULT 733

US-08-584-040-4205  
; Sequence 4205, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwigen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 4205:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-584-040-4205

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 6.8e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1587 CATGGAGTACTTGGCCT 1603  
Db 1 CAUGGAGUUCUUGGCAU 17

## RESULT 734

US-08-584-040-4206

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; Sequence 4206, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4206:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-4206

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```

Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.8e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

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QY 1588 ATGAGTACTTGGCCTC 1604
Db 1 AUGGAGUUCUUGGCAUC 17

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RESULT 735
US-08-584-040-4243
; Sequence 4243, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR

```

```

; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-4243

```

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Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.8e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

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QY 1803 CGCTGCTTCCTTTGGG 1819
Db 1 CGCUGUGUUCUUGGUG 17

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RESULT 736
US-08-584-040-5714
; Sequence 5714, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5714:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-5714

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Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

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QY 1288 GTAGCGGTGAAGTGT 1304
   |||||:|||||:
Db 1 GUAGCCGCAAGAUGUU 17

```

```

RESULT 737
US-08-584-040-5728
; Sequence 5728, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.

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; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5728:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-5728

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Query Match 0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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QY 1393 AACCTGCTGGCGCCTG 1409
   |||||:|||||:
Db 1 AACCUCUAGGCGCUG 17

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RESULT 738
US-08-584-040-5779
; Sequence 5779, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 5779:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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US-08-584-040-5779

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 6.8e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1587 CATGGAGTACTTGGCCT 1603  
|:||||:|:||||:  
Db 1 CAUGGAGUUCUGGCAU 17

RESULT 739

US-08-584-040-5780  
; Sequence 5780, Application US/08584040

; Patent No. 6346398

; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES OR

; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

; TITLE OF INVENTION: GROWTH FACTOR

; NUMBER OF SEQUENCES: 8502

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/584,040

; FILING DATE: January 11, 1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/005,974

; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/064

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 5780:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-584-040-5780

Query Match

Best Local Similarity 58.8%; Score 13.8; DB 1; Length 17;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1588 ATGGAGTACTTGGCCTC 1604  
|:||||:|:||||:  
Db 1 AUGGAGUUCUGGCAUC 17

RESULT 740

US-08-584-040-5795  
; Sequence 5795, Application US/08584040

; Patent No. 6346398

; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES OR

; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

; TITLE OF INVENTION: GROWTH FACTOR

; NUMBER OF SEQUENCES: 8502

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/584,040

; FILING DATE: January 11, 1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/005,974

; FILING DATE: October 26, 1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/064

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 5795:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-584-040-5795

Query Match

Best Local Similarity 70.6%; Score 13.8; DB 1; Length 17;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 CTTCCGGCTGGCCCGG 1696  
|:||||:|:||||:  
Db 1 CUUCGGCUUGGCCCGG 17

RESULT 741

US-08-584-040-7597

; Sequence 7597, Application US/08584040

; Patent No. 6346398

; GENERAL INFORMATION:

; APPLICANT: Pavco, Pamela

; APPLICANT: McSwiggen, James

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: TREATMENT OF DISEASES OR

; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 7597:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-584-040-7597

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.8e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GAAGATGCTGAAGAGCG 1312  
Db 1 GAAGAUGUGAAAAGCG 17

RESULT 742  
US-09-474-432B-461  
; Sequence 461, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
; FILE REFERENCE: MBH00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28

; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 461  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-461

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.8e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 863 TCGTGGAGCTGACGAG 879  
Db 1 UGGUGGAGCUGAGGAG 17

RESULT 743  
US-09-474-432B-778  
; Sequence 778, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
; FILE REFERENCE: MBH00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 778  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-778

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.8e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1744 CCCGTGAAGTGGATGGC 1760  
Db 1 CCCAUCAGUGGAGGCG 17

RESULT 744  
US-09-474-432B-779  
; Sequence 779, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides

; FILE REFERENCE: MBH800-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; PRIOR FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 779  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-779

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.8e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1751 AGTGGATGGCGCTGAG 1767  
||:|||||  
Db 1 AGUGGAUGCGGUGGAG 17

RESULT 745  
US-09-474-432B-817  
; Sequence 817, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MBH800-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 817  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-817

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.8e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 13 GGGCTGGTCCCTCGGA 29  
|||:|||||  
Db 1 GGGCUGGAGCCUCUGA 17

RESULT 746  
US-09-474-432B-835  
; Sequence 835, Application US/09474432B

; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MBH800-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 835  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-835

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.8e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2149 GACCTGCTGCCCCCGGC 2165  
|||:|||||  
Db 1 GACCUGCAGCCCCCAGC 17

## RESULT 747

US-09-826-630-4  
; Sequence 4, Application US/09826630  
; Patent No. 6562624  
; GENERAL INFORMATION:  
; APPLICANT: Adachi, Kiichi  
; APPLICANT: Hamer, John  
; APPLICANT: Hamer, Liebeth  
; TITLE OF INVENTION: Methods and Materials for the Rapid and  
; FILE REFERENCE: High Volume Production of a Gene Knock-Out Library in an  
; TITLE OF INVENTION: Organism  
; FILE REFERENCE: 2004CIP3  
; CURRENT APPLICATION NUMBER: US/09/826,630  
; CURRENT FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: 09/270,620  
; PRIOR FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer  
US-09-826-630-4

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2095 GGCCAGGACACCCCCCAG 2111  
|||:|||||  
Db 1 GGCCAGGAACCTCCAG 17

RESULT 748  
US-09-371-772B-1329/c  
; Sequence 1329, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1329  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1329

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.8%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 3250 TTCCAGTGAAGATATTT 3266  
||||| |||||  
Db 17 TTCCATTGAATATTT 1

RESULT 749  
US-09-371-772B-1369  
; Sequence 1369, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1369  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1369

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 6.8e+02;  
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;  
QY 3251 TTCCAGTGAAGATATTT 3267  
||||| |||||  
Db 1 UCCAGUGAUAUAUU 17

RESULT 750  
US-09-371-772B-1972  
; Sequence 1972, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1972  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1972

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 6.8e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;  
QY 1587 CATGAGTACTTGGCCT 1603  
||||| :||| :  
Db 1 CAUGGAGUUCUGGCAU 17

RESULT 751  
US-09-371-772B-1973  
; Sequence 1973, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Relating to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1973  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1973

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 6.8e+02;  
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;  
QY 1588 ATGGAGTACTTGGCCTC 1604  
||||| :||| :  
Db 1 AUGGAGUUCUGGCAUC 17

RESULT 752

```
US-09-371-772B-2010
; Sequence 2010, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2010
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2010

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.8e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1803 CGTCTGCTCCTTTGGGG 1819
Db 1 CGUCUGUCUUUGGUG 17

RESULT 753
US-09-371-772B-2597
; Sequence 2597, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2597
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2597

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.8e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1288 GTAGCCGTGAAGATGCT 1304
Db 1 GUAGCCGUCAGAUGUU 17

RESULT 754
US-09-371-772B-2608
; Sequence 2608, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2608
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2608

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 CTTCCGGCTGCGCCGGG 1696
Db 1 CUUCGCGUUGGCCCGGG 17

RESULT 755
US-09-371-772B-2661
; Sequence 2661, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2661
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2661

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.8e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1680 CTTCCGGCTGCGCCGGG 1696
Db 1 CUUCGCGUUGGCCCGGG 17

RESULT 756
US-09-371-772B-3391
; Sequence 3391, Application US/09371772B
```

; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3391  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3391

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.8e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GAAGATGCTGAAGACG 1312  
|||||:|:|||||  
Db 1 GAAGAUGUGAAGAGG 17

RESULT 757  
US-09-371-772B-4731  
; Sequence 4731, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4731  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4731

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.8e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GAAGATGCTGAAGACG 1312  
|||||:|:|||||  
Db 1 GAAGAUGUGAAGAGG 17

RESULT 758  
US-09-371-772B-4885  
; Sequence 4885, Application US/09371772B  
; Patent No. 6566127

; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4885  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4885

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.8e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1950 GATCATGCGGAGTGCT 1966  
|||||:|:|||||  
Db 1 GAUCAUGUGGACUGCU 17

RESULT 759  
US-09-371-772B-6114  
; Sequence 6114, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6114  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6114

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.8e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 255 CAAGAAGCTGTCGCCG 271  
|||||:|:|||||  
Db 1 CRAAGUGGUGGCGCG 17

RESULT 760  
US-09-371-772B-6733  
; Sequence 6733, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6733  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6733

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.8e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1620 CAGGGACCTGGCTGCC 1636  
|||||||:|||||  
Db 1 CAGGGACCGCGGCAC 17

RESULT 761  
US-09-371-772B-6763  
Sequence 6763, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MBH00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6763  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6763

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 47.1%; Pred. No. 6.8e+02;  
Matches 8; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 1804 GTCTGCTCTTTGGGT 1820  
|:|:|:|:|:|:|:  
Db 1 GUCUGUCUUUGUGU 17

RESULT 762  
US-09-476-387-460  
Sequence 460, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
FILE REFERENCE: MBH00-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 460  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-476-387-460

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.8e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 863 TGGTGGAGGCTGACGAG 879  
:|:|:|:|:|:|:|:  
Db 1 UGUGUGAUGCUGAGGAG 17

RESULT 763  
US-09-476-387-777  
Sequence 777, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
FILE REFERENCE: MBH00-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 777  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-476-387-777

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.8e+02;



Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1744 CCGTGAAGTGATGGC 1760  
|||:||||:|  
Db 1 CCAUCAAGUGGAGGC 17

## RESULT 764

US-09-476-387-778  
; Sequence 778, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 778  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-778

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.8e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1751 AGTGATGGCGCTGAG 1767  
|||:||||:|  
Db 1 AGUGGAGGCGCUGGAG 17

## RESULT 765

US-09-476-387-816  
; Sequence 816, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 816  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-816

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.8e+02;  
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 13 GGGCTGTGCTCGGA 29  
||||:|  
Db 1 GGGCUGGAGCCUCUGA 17

## RESULT 766

US-09-476-387-834  
; Sequence 834, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
; FILE REFERENCE: MHB00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 834  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-834

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.8e+02;  
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2149 GACCTGCTGCCCGGC 2165  
||||:|  
Db 1 GACCUGCAGCCCCAGC 17

## RESULT 767

US-09-401-063-638  
; Sequence 638, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Pell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; OF DISEASES OR CONDITIONS RELATED

;; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
;; TITLE OF INVENTION: FACTOR RECEPTORS

;; NUMBER OF SEQUENCES: 1877  
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street

;; CITY: Los Angeles  
;; STATE: California

;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible

;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq for Windows 2.0

;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/401,063

;; FILING DATE:  
;; CLASSIFICATION:

;; PRIOR APPLICATION DATA: 08/985,162  
;; FILING DATE: 04 December 1997

;; APPLICATION NUMBER: 60/036,476  
;; FILING DATE: 31 January 1997

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.

;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 230/107

;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600

;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510

;; INFORMATION FOR SEQ ID NO: 638:  
;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid

;; STRANDEDNESS: single  
;; TOPOLOGY: linear

;; US-09-401-063-638

Query Match 0.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 58.8%; Pred. No. 6.8e+02;

Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 1803 CGTCTGCTCTTTGGGG 1819

Db 1 CAUCAGGCUUUGGG 17

RESULT 768

US-09-827-998-161/c

; Sequence 161, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDHMOF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; CURRENT FILING DATE: 2001-04-06

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6656700

; SEQ ID NO 161

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-827-998-161

Query Match

Best Local Similarity 0.4%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3342 AAAGCAAGCTGGTATT 3358

Db 17 AATGCAAGCTGGTACTT 1

RESULT 769

US-09-827-998-384

; Sequence 384, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDHMOF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; CURRENT FILING DATE: 2001-04-06

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6656700

; SEQ ID NO 384

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-827-998-384

Query Match

Best Local Similarity 0.4%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTGCGTG 2337

Db 1 GTGTGTGTGTGTGAGTG 17

RESULT 770

US-09-827-998-385

; Sequence 385, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDHMOF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; CURRENT FILING DATE: 2001-04-06

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6656700

; SEQ ID NO 385

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-827-998-385

Query Match

Best Local Similarity 0.4%; Score 13.8; DB 1; Length 17;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGTGCGTGT 2338



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; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2670
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2670

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2917 CCTGGCGGGCGGTGGG 2933
DB 1 CCTGGCGGGCGGGGG 17

RESULT 775
US-09-866-108A-2776
; Sequence 2776, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2778
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2778

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1989 GCCCACCTTCAAGCAGC 2005
DB 1 GCCCACCTTCAAGCACC 17

RESULT 777
US-09-866-108A-7842
```

```
; Patent No. 6686188
; SEQ ID NO 2776
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2776

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1987 AGCCGACCTTCAAGCA 2003
DB 1 ACGGCCACCTTCAAGCA 17

RESULT 776
US-09-866-108A-2778
; Sequence 2778, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2778
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2778

Query Match          0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1989 GCCCACCTTCAAGCAGC 2005
DB 1 GCCCACCTTCAAGCACC 17

RESULT 777
US-09-866-108A-7842
```

; Sequence 7842, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7842  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-866-108A-7842

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1997 TCAAGCAGCTGGTGGAG 2013  
||| ||||| |||||  
Db 1 TGAAGCAGCAGCTGGAG 17

RESULT 778  
US-09-866-108A-7998  
; Sequence 7998, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7998  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-866-108A-7998

Query Match 0.4%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 6.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1994 CCTTCAAGCAGCTGGTG 2010  
||| ||||| |||||  
Db 1 CCATCAAGCAGCTGGAG 17

RESULT 779  
US-09-866-108A-8001  
; Sequence 8001, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeonica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8001  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8001

Query Match 0.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 6.8e+02; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

QY 1997 TCAAGCAGCTGGTGGAG 2013

|||||

Db 1 TCAAGCAGCTGGAGCAG 17

## RESULT 780

US-09-866-108A-8087  
; Sequence 8087, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeonica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8087

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-8087

## Query Match

0.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 6.8e+02; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 2;

QY 853 GAGGAGGAGCTGCTGGA 869

|||||

Db 1 GAGGAGGAGCTGAGGA 17

## RESULT 781



```

RESULT 785
US-09-866-108A-9861/c
; Sequence 9861, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9861
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9861

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 277 GCGGCCAACACCGTCGC 293
Db 17 GCGGCCAACACCGTCG 1

RESULT 786
US-09-658-859-3
; Sequence 3, Application US/09658859
; Patent No. 6703200
; GENERAL INFORMATION:
; APPLICANT: Hamer, John
; APPLICANT: Hamer, Lisbeth
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE RAPID AND
; TITLE OF INVENTION: HIGH VOLUME PRODUCTION OF A GENE KNOCK-OUT LIBRARY IN AN
; TITLE OF INVENTION: ORGANISM
; FILE REFERENCE: 2004 CIP
; CURRENT APPLICATION NUMBER: US/09/658,859
; CURRENT FILING DATE: 2000-09-11
; PRIOR FILING DATE: 09/270,620
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 277 GCGGCCAACACCGTCGC 293
Db 17 GCGGCCAACACCGTCG 1

RESULT 787
US-09-404-912-197/c
; Sequence 197, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 197
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-197

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1680 CTTCTGGCTGGCCCGG 1696
Db 17 CTTCTGGCTGGCCCGG 1

RESULT 788
US-09-404-912-565
; Sequence 565, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 565
; LENGTH: 17

```



```
; TYPE: DNA
; ORGANISM: Homo Sapiens
; US-09-404-912-565

Query Match      0.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 TGTGTGTCGTCGTGTGT 2342
Db 1 TGTGTGTCGTCGTGTCT 17

RESULT 789
US-07-903-466-6
; Sequence 6, Application US/07903466
; Patent No. 5395767
; GENERAL INFORMATION:
; APPLICANT: Murnane, John P.
; APPLICANT: Painter, Robert B.
; APPLICANT: Kapp, Leon N.
; APPLICANT: Yu, Loh C.
; TITLE OF INVENTION: Gene for Ataxia-Telangiectasia
; TITLE OF INVENTION: Complimentation Group D (ATDC)
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: Stewart Street Tower, 18th Fl., One Market
; STREET: Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: San Francisco
; ZIP: 94105
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/903,466
; FILING DATE: 19920622
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: 91-077-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-777-9275
; TELEFAX: 415-543-4219
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: PCR primer
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-07-903-466-6

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 651 GGTGAATGGCAGCAAGG 667
Db 2 GGAGAATGGCACCAGG 18

RESULT 790
US-07-874-334-12
; Sequence 12, Application US/07874334
; Patent No. 5495009
; GENERAL INFORMATION:
; APPLICANT: MATTEUCCI, MARK
; APPLICANT: JONES, BOB
; APPLICANT: LIN, KUEI-YING
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGS CONTAINING
; TITLE OF INVENTION: THIOFORMACETAL LINKAGES
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/874,334
; FILING DATE: 19920424
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24610-20005.24
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(3..4, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linker group."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(5, "")
; OTHER INFORMATION: /note= "This position is 5-methyl
; OTHER INFORMATION: deoxycytidine."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(7..8, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linker group."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(9, "")
; OTHER INFORMATION: /note= "This position is 5-methyl
; OTHER INFORMATION: deoxycytidine."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(11, "")
; OTHER INFORMATION: /note= "This position is 5-methyl
; OTHER INFORMATION: deoxycytidine."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(12, "")
; OTHER INFORMATION: /note= "This position is 5-methyl
; OTHER INFORMATION: deoxycytidine."
; FEATURE:
; NAME/KEY: misc difference
; LOCATION: replace(13..14, "")
; OTHER INFORMATION: /note= "This position indicates a
; OTHER INFORMATION: formacetal linkage."
; FEATURE:
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NAME/KEY: misc difference  
LOCATION: replace(15..16, "")  
OTHER INFORMATION: /note= "This position indicates a  
OTHER INFORMATION: formacetal linker."  
FEATURE:  
NAME/KEY: misc difference  
LOCATION: replace(18, "")  
OTHER INFORMATION: /note= "This position is an  
OTHER INFORMATION: anthraquinone pseudonucleoside."  
US-07-874-334-12

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3269 TTGCTTTGCTCTTTT 3285  
DB 1 TTTTCTTCTCTCTTTT 17

RESULT 791  
US-08-063-167A-5/c  
Sequence 5, Application US/08063167A  
Patent No. 5514788  
GENERAL INFORMATION:

APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodland Falls Corporate Park  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/063,167A  
FILING DATE: 19930517  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209  
FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes

US-08-063-167A-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706  
DB 18 CTTTCCCACTGCCATC 2

RESULT 792  
US-08-007-997A-5/c  
Sequence 5, Application US/08007997A  
Patent No. 5591623  
GENERAL INFORMATION:

APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 82  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/007,997A  
FILING DATE: 19930121  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209  
FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0709  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-007-997A-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706  
DB 18 CTTTCCCACTGCCATC 2

RESULT 793  
US-08-261-822A-39/c  
Sequence 39, Application US/08261822A  
Patent No. 5650553

```
;
; GENERAL INFORMATION:
; APPLICANT: Ecker, Joseph R. et al.
; TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5650553ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/261,822A
; FILING DATE: 17-JUN-1994
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-261-822A-39

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 GCGGGGGCTCGCGCCA 559
Db 18 GCGGTGCTGCCAGCCA 2

RESULT 794
US-08-366-577-7
; Sequence 7, Application US/08366577
; Patent No. 5728523
; GENERAL INFORMATION:
; APPLICANT: Vogelstein, Bert
; APPLICANT: Kinzler, Kenneth W.
; TITLE OF INVENTION: POLYMERASE DELTA MUTATIONS IN COLORECTAL
; TITLE OF INVENTION: TUMORS WITH REPLICATION ERRORS
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner, Birch, McKie & Beckett
; STREET: 1001 G Street N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/366,577
; FILING DATE: 12-DEC-1994
; CLASSIFICATION: 514
```

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;
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A.
; REGISTRATION NUMBER: 32,141
; REFERENCE/DOCKET NUMBER: 01107.48554
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: 197430 BBMB UT
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-366-577-7

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 TGCAGCAGGTGGGCC 673
Db 1 TGTGAGCATGTGGGCC 17

RESULT 795
US-08-470-837-21/C
; Sequence 21, Application US/08470837
; Patent No. 5800811
; GENERAL INFORMATION:
; APPLICANT: Nimmi, Marcel E.
; APPLICANT: Hall, Frederick L.
; APPLICANT: Tuan, Tai-Lan
; APPLICANT: Wu, Lingtao
; APPLICANT: Cheung, David T.
; TITLE OF INVENTION: Transforming Growth Factor B Fusion
; TITLE OF INVENTION: and
; TITLE OF INVENTION: Their Use in Wound Healing
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merchant & Gould
; STREET: 11150 Santa Monica Boulevard, Suite 400
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90025-3395
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,837
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Sharp, Janice A.
; REGISTRATION NUMBER: 34,051
; REFERENCE/DOCKET NUMBER: 30630-1US01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 310-445-1140
; TELEFAX: 310-445-9031
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; FEATURE:
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; NAME/KEY: CDS
; LOCATION: 1..18
; FEATURE:
; NAME/KEY: mat_peptide
; LOCATION: 1
US-08-470-837-21

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 GAGATGATGAAGATGAT 1370
Db 18 GTGATGATGATGATGAT 2

RESULT 796
US-08-523-376-6/c
; Sequence 6, Application US/08523376
; Patent No. 5808030
; GENERAL INFORMATION:
; APPLICANT: Tsutomu, FUJIWARA
; APPLICANT: Satoshi, TAKEDA
; APPLICANT: Yoshikazu, SHIMADA
; APPLICANT: Kouichi, OZAKI
; APPLICANT: Sadahito, SIN
; TITLE OF INVENTION: hTFIIIA GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
; STREET: 2100 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: United States
; ZIP: 20037-3202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/523,376
; FILING DATE:
; CLASSIFICATION: 536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; TELEX: 6491103
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-523-376-6

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1577 TGGCCCGGGCGCATGGAG 1593
Db 18 TGGCCCTGGCGTTGGAG 2

RESULT 797
US-08-440-740A-5/c
; Sequence 5, Application US/08440740A
; Patent No. 5843738
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
```

```
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/440,740A
; FILING DATE: May 12, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-440-740A-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706
Db 18 CTTTCCCACTGCCATC 2

RESULT 798
US-08-344-155C-5/c
; Sequence 5, Application US/08344155C
; Patent No. 5883082
; GENERAL INFORMATION:
; APPLICANT: Bennett and Stepkowski
; TITLE OF INVENTION: Compositions and Methods for Preventing
; TITLE OF INVENTION: and Treating Allograft Rejection
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
```

ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/344,155C  
FILING DATE: No. 5883082ember 23, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209  
FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/063,167  
FILING DATE: 5/17/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/007,997  
FILING DATE: 1/21/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/939,855  
FILING DATE: 9/2/92  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/567,286  
FILING DATE: 8/14/90  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0098  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-344-155C-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706  
Db 18 CTTTCCCACTGCCATC 2

RESULT 799  
US-08-912-129A-33/c  
Sequence 33, Application US/08912129A  
Patent No. 5922533  
GENERAL INFORMATION:  
APPLICANT: VALLARI, ANADRUZELA S.  
APPLICANT: HACKETT, JOHN JR.  
APPLICANT: HICKMAN, ROBERT K.  
APPLICANT: VARITEK, VINCENT A. JR.  
APPLICANT: NECKLAWS, ELIZABETH A.  
APPLICANT: GOLDEN, ALAN M.  
APPLICANT: BRENNAN, CATHERINE A.  
APPLICANT: DEVARS, SUSHIL G.  
TITLE OF INVENTION: RAPID ASSAY FOR SIMULTANEOUS DETECTION AND DIFFERENTIATIO  
NUMBER OF SEQUENCES: 89  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Abbott Laboratories  
STREET: 100 Abbott Park Road  
CITY: Abbott Park  
STATE: IL

COUNTRY: USA  
ZIP: 60064-3500  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette, 1.44 MB  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS (Windows 95)  
SOFTWARE: Microsoft Word (ASCII format output)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/912,129A  
FILING DATE: 15-AUG-1997  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Danckers, Andreas M.  
REGISTRATION NUMBER: 32,652  
REFERENCE/DOCKET NUMBER: 6109.US.01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 847-937-9803  
TELEFAX: 847-938-2623  
TELEX:  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-912-129A-33

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 202 GACACAGGTGTGCACAC 218  
Db 17 GGCACAGGTGTGCATAC 1

RESULT 800  
US-08-819-288-14/c  
Sequence 14, Application US/08819288  
Patent No. 5955652  
GENERAL INFORMATION:  
APPLICANT: Ecker, Joseph  
APPLICANT: Alonso, Jose  
TITLE OF INVENTION: PLANT GENES FOR SENSITIVITY TO ETHYLENE  
TITLE OF INVENTION: AND PATHOGENS  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955652ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/819,288  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Beargell, Lori Y.  
REGISTRATION NUMBER: 34,293  
REFERENCE/DOCKET NUMBER: UPN-2949  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 14:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 nucleic acids  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 ANTI-SENSE: no  
 US-08-819-288-14

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 GCGGGGCTGCCGCCA 559  
 Db 18 GCGGTGCTGCCGCCA 2

RESULT 801

US-09-156-979-8/c  
 Sequence 8, Application US/09156979  
 Patent No. 5962672

GENERAL INFORMATION:  
 APPLICANT: Cowert, Lex M.  
 TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION  
 FILE REFERENCE: RTS-0013  
 CURRENT APPLICATION NUMBER: US/09/156,979  
 CURRENT FILING DATE: 1998-09-18  
 NUMBER OF SEQ ID NOS: 47

SEQ ID NO 8  
 LENGTH: 18  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-156-979-8

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1998 CAAGCAGCTGGTGGAGG 2014  
 Db 17 CAAGAAGCTGGTGGTG 1

RESULT 802

US-09-166-203-4  
 Sequence 4, Application US/09166203A  
 Patent No. 5968826

GENERAL INFORMATION:  
 APPLICANT: Bennett, C. Frank  
 APPLICANT: Condon, Tom P.  
 APPLICANT: Cowert, Lex M.  
 TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION  
 FILE REFERENCE: ISPH-0323  
 CURRENT APPLICATION NUMBER: US/09/166,203A  
 CURRENT FILING DATE: 1998-10-05  
 NUMBER OF SEQ ID NOS: 60

SEQ ID NO 4  
 LENGTH: 18  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: antisense sequence  
 US-09-166-203-4

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1965 CTGGATGCCGCCCT 1981  
 Db 2 CTGGATGCCGCCACT 18

RESULT 803

US-08-810-599-19  
 Sequence 19, Application US/08810599  
 Patent No. 5976798

GENERAL INFORMATION:  
 APPLICANT: PARKER, W. Davis  
 APPLICANT: HERRNSTADT, Corinna  
 APPLICANT: GHOSH, Soumitra S.  
 APPLICANT: FAHY, Eoin  
 TITLE OF INVENTION: Methods for Detecting Mitochondrial Mutations  
 TITLE OF INVENTION: Diagnostic for Alzheimer's Disease and Methods for Determining  
 NUMBER OF SEQUENCES: 82  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Kenyon & Kenyon  
 STREET: 1025 Connecticut Avenue, N.W., Suite 600  
 CITY: Washington  
 STATE: D.C.  
 COUNTRY: US  
 ZIP: 20036

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.25" Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Wordperfect 6.1 for Windows  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/810,599  
 FILING DATE: Concurrent Herewith  
 CLASSIFICATION: 436

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/757,438  
 FILING DATE: 27 No. 5976798 1996  
 APPLICATION NUMBER: US 08/614,072  
 FILING DATE: 12 Mar 1996  
 APPLICATION NUMBER: US 08/536,036  
 FILING DATE: 29 Sep 1995  
 APPLICATION NUMBER: US 08/414,969  
 FILING DATE: 31 Mar 1995  
 APPLICATION NUMBER: US 08/413,740  
 FILING DATE: 30 Mar 1995  
 APPLICATION NUMBER: US 08/410,658  
 FILING DATE: 24 MARCH 1995  
 APPLICATION NUMBER: US 08/397,808  
 FILING DATE: 3 Mar 1995  
 APPLICATION NUMBER: US 08/219,842  
 FILING DATE: 30 MARCH 1994

ATTORNEY/AGENT INFORMATION:  
 NAME: Toffenetti, Judith L.  
 REGISTRATION NUMBER: 39,048  
 REFERENCE/DOCKET NUMBER: 2105/17  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-429-1776  
 TELEFAX: 202-429-0796  
 INFORMATION FOR SEQ ID NO: 19:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: other nucleic acid  
 HYPOTHETICAL: NO  
 ANTI-SENSE: No  
 US-08-810-599-19

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
 Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2075 TCGAGCAGTACTCCCG 2091  
 Db 2 TCGAGTACTCCCG 18

## RESULT 804

US-08-982-845B-5/c  
; Sequence 5, Application US/08982845B  
; Patent No. 6015894  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 87  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; OPERATING SYSTEM: IBM PS/2  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/982,845B  
; FILING DATE: December 2, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/440,740  
; FILING DATE: May 12, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 063,167  
; FILING DATE: May 17, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 969,151  
; FILING DATE: February 10, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 007,997  
; FILING DATE: January 21, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0243  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-982-845B-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706  
| | | | | | | | | | | | | | | | | |  
Db 18 CTTTCCCACTTCCCATC 2

## RESULT 805

US-09-344-520-40/c  
; Sequence 40, Application US/09344520

; Patent No. 6037176  
; GENERAL INFORMATION:  
; APPLICANT: Frank Bennett  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF integrin beta 3 EXPRESSION  
; FILE REFERENCE: RTS-0070  
; CURRENT APPLICATION NUMBER: US/09/344,520  
; NUMBER OF SEQUENCES: 87  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 40  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-344-520-40

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351  
| | | | | | | | | | | | | | | | | |  
Db 18 GTGTGTGTGTGTGTGTG 2

## RESULT 806

US-09-339-993-33  
; Sequence 33, Application US/09339993A  
; Patent No. 6040179  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I2 EXPRESSION  
; FILE REFERENCE: RTS-0064  
; CURRENT APPLICATION NUMBER: US/09/339,993A  
; CURRENT FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 33  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-339-993-33

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2702 CCACCTGCGCCCTCAGA 2718  
| | | | | | | | | | | | | | | | | |  
Db 2 CCCCCTGCGCCCTCAGA 18

## RESULT 807

US-08-991-525B-5/c  
; Sequence 5, Application US/08991525B  
; Patent No. 6033811  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 87  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/991.525B  
FILING DATE: December 16, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 21, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0247  
TELEPHONE: (856) 810-1515  
TELEFAX: (856) 810-1454  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-991-525B-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706  
|||||  
Db 18 CTTTCCCACTGCCATC 2

RESULT 808  
US-09-085-759-5/c  
Sequence 5, Application US/09085759  
Patent No. 6096722  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett, Christopher Mirabelli,  
APPLICANT: Brenda Baker  
TITLE OF INVENTION: Antisense Modulation of Cell Adhesion  
TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion  
TITLE OF INVENTION: Molecule-Associated Diseases  
NUMBER OF SEQUENCES: 109  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/085,759  
FILING DATE: herewith  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0311  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-085-759-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706  
|||||  
Db 18 CTTTCCCACTGCCATC 2

RESULT 809  
US-09-135-021-73/c  
Sequence 73, Application US/09135021A  
Patent No. 6150104  
GENERAL INFORMATION:  
APPLICANT: Splawski, Igor  
APPLICANT: Keating, Mark T.  
TITLE OF INVENTION: A HOMOZYGOUS MUTATION IN KVLQT1 WHICH CAUSES JERVELL  
TITLE OF INVENTION: AND LANGE-NIELSEN SYNDROME  
FILE REFERENCE: 2323-128  
CURRENT APPLICATION NUMBER: US/09/135,021A  
CURRENT FILING DATE: 1998-08-17  
EARLIER APPLICATION NUMBER: 08/874,655  
EARLIER FILING DATE: 1997-06-13  
EARLIER APPLICATION NUMBER: 60/094,477  
EARLIER FILING DATE: 1998-07-29  
NUMBER OF SEQ ID NOS: 80  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 73  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)..(18)  
US-09-135-021-73



Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 969 GCGCAGCCCCCCCCAGA 985  
DB 18 GCGCAGCGCCCCCAGA 2

RESULT 810  
US-09-487-444-36/c  
Sequence 36, Application US/09487444  
Patent No. 6159697  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION  
FILE REFERENCE: RTS-0133  
CURRENT APPLICATION NUMBER: US/09/487,444  
CURRENT FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 49  
SEQ ID NO 36  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-444-36

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2284 GCAGATGGGAGACAC 2300  
DB 17 GCAGATGGGAGACAC 1

RESULT 811  
US-08-974-549A-445  
Sequence 445, Application US/08974549A  
Patent No. 6166178  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin B.  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
NUMBER OF SEQUENCES: 727  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/974,549A  
FILING DATE: 19-NOV-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/17618  
FILING DATE: 01-OCT-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph Ted  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002610US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 445:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY:  
LOCATION: 1..18  
OTHER INFORMATION: /note= "TCPI.74 primer"  
US-08-974-549A-445

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 458 GCGTCGTGGAGAACAG 474  
DB 1 GCGACATGGAGAACAG 17

RESULT 812  
US-09-128-496-5/c  
Sequence 5, Application US/09128496  
Patent No. 6169079  
GENERAL INFORMATION:  
APPLICANT: Bennett and Mirabelli  
TITLE OF INVENTION: Oligonucleotide Modulation  
TITLE OF INVENTION: of Cell Adhesion  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/128,496  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/440,740  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0133  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-128-496-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCACC 2706  
DB 18 CTTTCCCACTGCCATC 2

RESULT 813  
US-09-071-433-82  
Sequence 82, Application US/09071433A  
Patent No. 6197584  
GENERAL INFORMATION:  
APPLICANT: Bennett, C. Frank  
APPLICANT: Cowsett, Lex M.  
TITLE OF INVENTION: Antisense Modulation of CD40 Expression  
FILE REFERENCE: RTS-0002  
CURRENT APPLICATION NUMBER: US/09/071,433A  
CURRENT FILING DATE: 1998-05-01  
NUMBER OF SEQ ID NOS: 91  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 82  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-071-433-82

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2132 ACTCCGTGTTGCCAC 2148

DB 2 ACTGCCTGTTGCCAC 18  
RESULT 814  
US-08-795-473B-10  
Sequence 10, Application US/08795473B  
Patent No. 6217858  
GENERAL INFORMATION:  
APPLICANT: Galun, Eithan  
APPLICANT: Nahot, Orit  
TITLE OF INVENTION: A Pharmaceutical Composition for Treating  
TITLE OF INVENTION: Hepatitis B Virus (HBV) Infection  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Davidson, Davidson and Kappel, LLC  
STREET: 1140 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: MS-DOS EDITOR  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/795,473B  
FILING DATE: 11-FEB-1997  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Davidson, Clifford M.  
REGISTRATION NUMBER: 32,728  
REFERENCE/DOCKET NUMBER: 963.1007  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)-997-1028  
TELEFAX: (212)-997-1037  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
US-08-795-473B-10  
Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 588 GGAGTTCCCACTGCAAGG 604  
DB 1 GGAATTCCTGCTGATGG 17

RESULT 815  
US-09-377-309-4  
Sequence 4, Application US/09377309B  
Patent No. 6258790  
GENERAL INFORMATION:  
APPLICANT: Bennett, C. Frank  
APPLICANT: Condon, Tom P.  
APPLICANT: Cowsett, Lex M.  
TITLE OF INVENTION: ANTISENSE MODULATION OF INTEGRIN 4 EXPRESSION  
FILE REFERENCE: ISPH-0390  
CURRENT APPLICATION NUMBER: US/09/377,309B  
CURRENT FILING DATE: 1999-08-19  
EARLIER APPLICATION NUMBER: 09/166,203  
EARLIER FILING DATE: 1998-10-05  
NUMBER OF SEQ ID NOS: 99  
SEQ ID NO 4  
LENGTH: 18  
TYPE: DNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-377-309-4

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1965 CTGGCATGCGCGCCCT 1981
    |||||
Db 2 CTGGGATGCGCGCACT 18

RESULT 816
US-09-630-706-64/c
; Sequence 64, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630,706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-64

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1621 AGGGACCTGGCTGCCCG 1637
    |||||
Db 17 AGAACTGGCTGCCCG 1

RESULT 817
US-09-009-490A-5/c
; Sequence 5, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Office of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,490A
; FILING DATE: January 20, 1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
```

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; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-009-490A-5

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2690 CTTTCCCACTTCCCACT 2706
    |||||
Db 18 CTTTCCCACTGCCCATC 2

RESULT 818
US-09-341-587-9/c
; Sequence 9, Application US/09341587
; Patent No. 6346606
; GENERAL INFORMATION:
; APPLICANT: Mollenhauer, Jan
; TITLE OF INVENTION: Protein Containing an SRCR Domain
; FILE REFERENCE: 4121-108
; CURRENT APPLICATION NUMBER: US/09/341,587
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: PCT/DE98/00096
; EARLIER FILING DATE: 1998-01-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-341-587-9

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1148 AGCTGCTGCCGACCCC 1164
    |||||
Db 17 AGCTGCTGCCGACCAC 1

RESULT 819
US-08-868-452-21/c
; Sequence 21, Application US/08868452C
; Patent No. 6352972
; GENERAL INFORMATION:
; APPLICANT: Marcel E. Nimni
```

APPLICANT: Frederick L. Hall  
APPLICANT: Lingtao Wu  
APPLICANT: Bo Han  
APPLICANT: Edwin Shors  
TITLE OF INVENTION: BONE MORPHOGENETIC PROTEINS AND THEIR  
FILE REFERENCE: 17972-11  
CURRENT APPLICATION NUMBER: US/08/868,452C  
CURRENT FILING DATE: 1997-06-03  
NUMBER OF SEQ ID NOS: 51  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 21  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Human  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (1)...(18)  
US-08-868-452-21

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 GAGATGATGAAGATGAT 1370  
Db 18 GTGATGATGATGATG 2

RESULT 820  
US-09-400-348-14/c  
Sequence 14, Application US/09400348  
Patent No. 6355778  
GENERAL INFORMATION:  
APPLICANT: Ecker, Joseph  
APPLICANT: Alonso, Jose  
TITLE OF INVENTION: PLANT GENES FOR SENSITIVITY TO ETHYLENE  
TITLE OF INVENTION: AND PATHOGENS  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6355778ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/400,348  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/819,288  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Beardsell, Lori Y.  
REGISTRATION NUMBER: 34,293  
REFERENCE/DOCKET NUMBER: UPN-2949  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleic acids  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: no  
US-09-400-348-14

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 GCGGGGCTGCGGCCA 559  
Db 18 GCGGTGGCTGCCAGCA 2

RESULT 821  
US-09-439-856-10  
Sequence 10, Application US/09439856  
Patent No. 6410009  
GENERAL INFORMATION:  
APPLICANT: Galun, Eithan  
APPLICANT: Nahot, Orit  
APPLICANT: Blum, Herbert E.  
TITLE OF INVENTION: A Pharmaceutical Composition for Treating  
TITLE OF INVENTION: Hepatitis B Virus (HBV) Infection  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Davidson, Davidson and Kappel, LLC  
STREET: 1140 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: MS-DOS EDITOR  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/439,856  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/795,473  
FILING DATE: 11-FEB-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Davidson, Clifford M.  
REGISTRATION NUMBER: 32,728  
REFERENCE/DOCKET NUMBER: 963.1007  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)-997-1028  
TELEFAX: (212)-997-1037  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
US-09-439-856-10

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 588 GGAGTTCCACTGCAAGG 604  
Db 1 GGAAATTCACATGCTGG 17

RESULT 822  
US-09-387-341-69/c  
Sequence 69, Application US/09387341  
Patent No. 6410323  
GENERAL INFORMATION:  
APPLICANT: Roberts, M. Luisa  
APPLICANT: Cowsett, Lex M.  
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
TITLE OF INVENTION: Expression

```
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-69

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1998 CAAGCAGCTGGTGGAGG 2014
Db 17 CAAGAGCTGGTGGTGG 1

RESULT 823
US-09-280-030-8/c
; Sequence 8, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaaki
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; TITLE OF INVENTION: DNAs
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
; OTHER INFORMATION: a forward oligonucleotide encoding (His)6
US-09-280-030-8

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 GAGATGATGAAGATGAT 1370
Db 18 GTGATGATGATGATGAT 2

RESULT 824
US-09-280-030-9
; Sequence 9, Application US/09280030A
; Patent No. 6506595
; GENERAL INFORMATION:
; APPLICANT: Sato, Seiji
```

```
; APPLICANT: Higashikuni, Naohiko
; APPLICANT: Kudo, Toshiyuki
; APPLICANT: Kondo, Masaaki
; TITLE OF INVENTION: DNAs ENCODING NEW FUSION PROTEINS AND PROCESSES FOR
; TITLE OF INVENTION: PREPARING USEFUL POLYPEPTIDES THROUGH EXPRESSION OF THE
; TITLE OF INVENTION: DNAs
; FILE REFERENCE: 382.1026
; CURRENT APPLICATION NUMBER: US/09/280,030A
; CURRENT FILING DATE: 1999-03-26
; EARLIER APPLICATION NUMBER: JP10-87339/1998
; EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Designated is
; OTHER INFORMATION: a reverse oligonucleotide encoding (His)6
US-09-280-030-9

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 GAGATGATGAAGATGAT 1370
Db 1 GTGATGATGATGATGAT 17

RESULT 825
US-09-422-978-4878/c
; Sequence 4878, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4878
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-18394 for SEQ 944,
US-09-422-978-4878

Query Match          0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1535 AGCAGCTCACCTTCAAG 1551
Db 17 AGCAGCTCAAGTTCAAG 1

RESULT 826
US-09-422-978-6580/c
; Sequence 6580, Application US/09422978
; Patent No. 6537751
```

```

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6580
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-12595 for SEQ 2646,
US-09-422-978-6580

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2016 CCTGACCGGTCTTGA 2032
Db 18 CCTGTACCTGTCTTGA 2

RESULT 827
US-09-422-978-7075
; Sequence 7075, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7075
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-23938 for SEQ 3141,
US-09-422-978-7075

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2996 GCACCGCAGTTTGTAT 3012
Db 1 GCACCGCAGTTTGTAT 17

RESULT 828

```

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US-09-422-978-7792
; Sequence 7792, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7792
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3818 for SEQ 3858,
US-09-422-978-7792

Query Match      0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 53 GGCTGCAGTGCTGAAT 69
Db 1 GGCTTCAGTGCTGAAT 17

RESULT 829
US-09-402-181B-445
; Sequence 445, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017

```

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;
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 445:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..18
; OTHER INFORMATION: /note= "TCPl.74 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 445:
US-09-402-181B-445
Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 458 GCGTCGTGGAGAACAG 474
Db 1 GCGACATGGAGAACAG 17
|||||
1 GCGACATGGAGAACAG 17

RESULT 830
US-09-721-456-445
; Sequence 445, Application US/09721456
; Patent No. 661710
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin B.
; Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/721,456
; FILING DATE: 22-Nov. 661710-2000
; CLASSIFICATION: <Unknown>
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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 445:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..18
; OTHER INFORMATION: /note= "TCPl.74 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 445:
US-09-721-456-445
Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 458 GCGTCGTGGAGAACAG 474
Db 1 GCGACATGGAGAACAG 17
|||||
1 GCGACATGGAGAACAG 17

RESULT 831
PCT-US93-05794-6
; Sequence 6, Application PC/TUS9305794
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Gene for Ataxia-Telangiectasia
; TITLE OF INVENTION: Complementation Group D (ATDC)
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Leona L. Lauder
; STREET: 177 Post Street, Suite 800
; CITY: San Francisco
; STATE: California
; COUNTRY: San Francisco
; ZIP: 94108-4731
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/05794
; FILING DATE: 19930618
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/903,466
; FILING DATE: 22-JUN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Lauder, Leona L.
; REGISTRATION NUMBER: 30,863
; REFERENCE/DOCKET NUMBER: 91-077-1 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-421-4973
; TELEFAX: 415-421-1663
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: PCR primer
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
PCT-US93-05794-6

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 651 GGATGATGGCAGCAAGG 667
Db 2 GGAGATGGCACCAGG 18

RESULT 832
PCT-US93-08101-5/c
; Sequence 5, Application PC/TUS9308101
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2 PC-DOS
; OPERATING SYSTEM: WORDPERFECT 5.0
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08101
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: 1SPH-0002

;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
PCT-US93-08101-5

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2690 CTTTCCCACTCCCAACC 2706
Db 18 CTTTCCCACTGCCCATC 2

RESULT 833
PCT-US95-07744A-39/c
; Sequence 39, Application PC/TUS9507744A
; GENERAL INFORMATION:
; APPLICANT: Trustees of The University of Pennsylvania
; TITLE OF INVENTION: Plant Genes for Sensitivity to Ethylene
; TITLE OF INVENTION: and Pathogens
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & Norris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07744A
; FILING DATE: 15-JUNE-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/261,822
; FILING DATE: June 17, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Beardell, Lori Y.
; REGISTRATION NUMBER: 34,293
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
PCT-US95-07744A-39

Query Match 0.4%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 543 GCGGGGCTGCCGCCCA 559
Db 18 GCGGTGGCTGCCCAGCA 2
```



## RESULT 834

PCT-US96-00005-7  
Sequence 7, Application PC/TUS9600005  
GENERAL INFORMATION:  
APPLICANT: Vogelstein, Bert  
APPLICANT: Kinzler, Kenneth W.  
TITLE OF INVENTION: POLYMERASE DELTA MUTATIONS IN COLORECTAL  
TITLE OF INVENTION: TUMORS WITH REPLICATION ERRORS  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Allegretti, Ltd.  
STREET: 1001 G Street N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20001  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/00005  
FILING DATE: 2-JAN-96  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A.  
REGISTRATION NUMBER: 32,141  
REFERENCE/DOCKET NUMBER: 01107.53505  
TELEPHONE: 202-508-9100  
TELEPHONE: 202-508-9299  
TELEFAX: 202-508-9299  
TELEX: 197430 BMB UT  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US96-00005-7

Query Match 0.4%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 7.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

## QY 657 TGGCAGCAGGTGGGCC 673

Db 1 TGTGACGATGTGGCC 17

## RESULT 835

US-08-105-168B-9/c  
Sequence 9, Application US/08105168B  
Patent No. 5589585  
GENERAL INFORMATION:  
APPLICANT: MABILAT et al.  
TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION  
TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DET  
TITLE OF INVENTION: MYCOBACTERIA  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria,  
STATE: Virginia  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" DS/HD  
COMPUTER: IBM compatible

OPERATING SYSTEM: MS DOS 3.1  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
FILING DATE: August 12, 1993  
APPLICATION NUMBER: US/08/105,168B  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR9210094  
FILING DATE: August 8, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: William P. Berridge  
REGISTRATION NUMBER: 30,024  
REFERENCE/DOCKET NUMBER: WPB 28835  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 836-6400  
TELEFAX: (703) 836-2787  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single-stranded  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL:  
ANTI-SENSE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT:  
MAP POSITION:  
FEATURE:  
NAME/KEY:  
LOCATION: 733-751  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
US-08-105-168B-9

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

## QY 242 CCGAGCGGATGCACAAG 258

Db 19 CCGAGCGGATGCACAAG 3

## RESULT 836

US-08-105-168B-10  
Sequence 10, Application US/08105168B  
Patent No. 5589585  
GENERAL INFORMATION:  
APPLICANT: MABILAT et al.  
TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION  
TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DET  
TITLE OF INVENTION: MYCOBACTERIA  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oliff & Berridge  
STREET: 700 South Washington Street, Suite 300  
CITY: Alexandria,  
STATE: Virginia  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" DS/HD  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS DOS 3.1  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
FILING DATE: August 12, 1993  
APPLICATION NUMBER: US/08/105,168B  
CLASSIFICATION: 435

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: FR9210094  
;; FILING DATE: August 8, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: William P. Berridge  
;; REGISTRATION NUMBER: 30,024  
;; REFERENCE/DOCKET NUMBER: WPB 28835  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (703) 836-6400  
;; TELEFAX: (703) 836-2787  
;; INFORMATION FOR SEQ ID NO: 10:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single-stranded  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; HYPOTHETICAL:  
;; ANTI-SENSE:  
;; ORIGINAL SOURCE:  
;; ORGANISM:  
;; STRAIN:  
;; INDIVIDUAL ISOLATE:  
;; POSITION IN GENOME:  
;; CHROMOSOME/SEGMENT:  
;; MAP POSITION:  
;; FEATURE:  
;; NAME/KEY:  
;; LOCATION: 733-751  
;; IDENTIFICATION METHOD:  
;; OTHER INFORMATION:  
;; US-08-105-168B-10

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 CCGAGCGGATGGACAAG 258  
DB 1 CCGAGCGGATGGACAAG 17

RESULT 837  
US-08-487-759-1  
; Sequence 1, Application US/08487759  
; Patent No. 5660989  
; GENERAL INFORMATION:  
; APPLICANT: Cole, James L.  
; APPLICANT: Olsen, David B.  
; APPLICANT: Kuo, Lawrence C.  
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
; TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ms. Joanne J. Giesser  
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,759  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Giesser, Joanne M.  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19393

;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (908)-594-3046  
;; TELEFAX: (908)-594-4720  
;; INFORMATION FOR SEQ ID NO: 1:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; US-08-487-759-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 23.5%; Pred. No. 7.9e+02;  
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130  
DB 1 GUUUUUAUUUUAUUU 17

RESULT 838  
US-08-698-948-9/c  
; Sequence 9, Application US/08698948  
; Patent No. 5849901  
; GENERAL INFORMATION:  
; APPLICANT: MABILAT et al.  
; TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION  
; IDENTIFICATION METHOD: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DETE  
; OTHER INFORMATION: MYCOBACTERIA  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Oliff & Berridge  
; STREET: 700 South Washington Street, Suite 300  
; CITY: Alexandria,  
; STATE: Virginia  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" DS/HD  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS DOS 3.1  
; SOFTWARE: Wordperfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/698,948  
; FILING DATE: August 16, 1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/105,168  
; FILING DATE: August 12, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR9210094  
; FILING DATE: August 8, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: William P. Berridge  
; REGISTRATION NUMBER: 30,024  
; REFERENCE/DOCKET NUMBER: WPB 28835A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 836-6400  
; TELEFAX: (703) 836-2787  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single-stranded  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL:  
; ANTI-SENSE:  
; ORIGINAL SOURCE:  
; ORGANISM:  
; STRAIN:  
; INDIVIDUAL ISOLATE:

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; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; FEATURE:
; NAME/KEY:
; LOCATION: 733-751
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
US-08-698-948-9

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 CCGAGCGGATGGACAAAG 258
Db 19 CCGAGCGGATGGACAAAG 3

RESULT 839
US-08-698-948-10
; Sequence 10, Application US/08698948
; Patent No. 5849901
; GENERAL INFORMATION:
; APPLICANT: MABILAT et al.
; TITLE OF INVENTION: DNA FRAGMENTS OF MYCOBACTERIA, AMPLIFICATION
; TITLE OF INVENTION: PRIMERS, HYBRIDIZATION PROBES, REAGENTS AND METHOD FOR THE DET
; TITLE OF INVENTION: MYCOBACTERIA
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oliff & Berridge
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria,
; STATE: Virginia
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" DS/HD
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS 3.1
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/698,948
; FILING DATE: August 16, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/105,168
; FILING DATE: August 12, 1993
; PRIOR APPLICATION DATA: FR9210094
; FILING DATE: August 8, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William P. Berridge
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28835A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6400
; TELEFAX: (703) 836-2787
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL:
; ANTI-SENSE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
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; FEATURE:
; NAME/KEY:
; LOCATION: 733-751
; IDENTIFICATION METHOD:
; OTHER INFORMATION:
US-08-698-948-10

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 242 CCGAGCGGATGGACAAAG 258
Db 1 CCGAGCGGATGGACAAAG 17

RESULT 840
US-08-117-952-62/c
; Sequence 62, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 62:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-62

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 CTGACGAGCGGGCGAGT 888
Db 17 CTGACGAGCGTGCAGT 1

RESULT 841
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/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/807,104
/ FILING DATE: 04-FEB-1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/480,068
/ FILING DATE: 07-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: YABLONSKY, MICHAEL D
/ REGISTRATION NUMBER: 40,407
/ REFERENCE/DOCKET NUMBER: 19406DA
/ TELEPHONE: 732-594-4678
/ TELEFAX: 732-594-4720
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic RNA
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 13...13
/ OTHER INFORMATION:
/
/ US-08-807-104-6
/
/ Query Match 0.4%; Score 13.8; DB 1; Length 19;
/ Best Local Similarity 23.5%; Pred. No. 7.9e+02;
/ Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 3114 GTTTAAATTTTAACTT 3130
/ Db 1 GUUUUUUUUUUAUUU 17
/
/ RESULT 844
/ US-08-807-104-7
/ Sequence 7, Application US/08807104
/ Patent No. 5861501
/ GENERAL INFORMATION:
/ APPLICANT: BENSELER, FRITZ
/ APPLICANT: COLE, JAMES L.
/ APPLICANT: OLSEN, DAVID B.
/ APPLICANT: KUO, LAWRENCE C.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
/ TITLE OF INVENTION: APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 07065
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/807,104
/ FILING DATE: 04-FEB-1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/480,068
/ FILING DATE: 07-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: YABLONSKY, MICHAEL D
/ REGISTRATION NUMBER: 40,407
/ REFERENCE/DOCKET NUMBER: 19406DA
/ TELEPHONE: 732-594-4678
/ TELEFAX: 732-594-4720
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 6:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic RNA
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 13...13
/ OTHER INFORMATION:
/
/ US-08-807-104-6
/
/ Query Match 0.4%; Score 13.8; DB 1; Length 19;
/ Best Local Similarity 23.5%; Pred. No. 7.9e+02;
/ Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 3114 GTTTAAATTTTAACTT 3130
/ Db 1 GUUUUUUUUUUAUUU 17
/
/ RESULT 844
/ US-08-807-104-7
/ Sequence 7, Application US/08807104
/ Patent No. 5861501
/ GENERAL INFORMATION:
/ APPLICANT: BENSELER, FRITZ
/ APPLICANT: COLE, JAMES L.
/ APPLICANT: OLSEN, DAVID B.
/ APPLICANT: KUO, LAWRENCE C.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
/ TITLE OF INVENTION: APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 07065
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/807,104
/ FILING DATE: 04-FEB-1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/480,068
/ FILING DATE: 07-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: YABLONSKY, MICHAEL D
/ REGISTRATION NUMBER: 40,407
/ REFERENCE/DOCKET NUMBER: 19406DA
/ TELEPHONE: 732-594-4678
/ TELEFAX: 732-594-4720
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Genomic RNA
/ FEATURE:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 1...1
/ OTHER INFORMATION:
/ NAME/KEY: Modified Base
/ LOCATION: 13...13
/ OTHER INFORMATION:
/
/ US-08-807-104-7
/
/ Query Match 0.4%; Score 13.8; DB 1; Length 19;
/ Best Local Similarity 23.5%; Pred. No. 7.9e+02;
/ Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 3114 GTTTAAATTTTAACTT 3130
/ Db 1 GUUUUUUUUUUAUUU 17
/
/ RESULT 845
/ US-08-807-104-8
/ Sequence 8, Application US/08807104
/ Patent No. 5861501
/ GENERAL INFORMATION:
/ APPLICANT: BENSELER, FRITZ
/ APPLICANT: COLE, JAMES L.
/ APPLICANT: OLSEN, DAVID B.
/ APPLICANT: KUO, LAWRENCE C.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
/ TITLE OF INVENTION: APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 07065
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq for Windows Version 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/807,104
/ FILING DATE: 04-FEB-1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/480,068
/ FILING DATE: 07-JUN-1995
```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: YABLONSKY, MICHAEL D
; REGISTRATION NUMBER: 40,407
; REFERENCE/DOCKET NUMBER: 19406DA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-4678
; TELEFAX: 732-594-4720
;
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 6...6
; OTHER INFORMATION:
;
; US-08-807-104-8
;
; Query Match 0.4%; Score 13.8; DB 1; Length 19;
; Best Local Similarity 23.5%; Pred. No. 7.9e+02;
; Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
;
QY 3114 GTTTTAAATTTTAACTT 3130
DB 1 GUUUUUUUUUUUUUUUU 17

RESULT 846
US-08-807-104-9
; Sequence 9, Application US/08807104
; Patent No. 5861501
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 04-FEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YABLONSKY, MICHAEL D
; REGISTRATION NUMBER: 40,407
; REFERENCE/DOCKET NUMBER: 19406DA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-4678
; TELEFAX: 732-594-4720
;
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid

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; TELEFAX: 732-594-4720
;
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 6...6
; OTHER INFORMATION:
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; US-08-807-104-9
;
; Query Match 0.4%; Score 13.8; DB 1; Length 19;
; Best Local Similarity 23.5%; Pred. No. 7.9e+02;
; Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
;
QY 3114 GTTTTAAATTTTAACTT 3130
DB 1 GUUUUUUUUUUUUUUUU 17

RESULT 847
US-08-807-104-10
; Sequence 10, Application US/08807104
; Patent No. 5861501
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MICHAEL D. YABLONSKY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 04-FEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: YABLONSKY, MICHAEL D
; REGISTRATION NUMBER: 40,407
; REFERENCE/DOCKET NUMBER: 19406DA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732-594-4678
; TELEFAX: 732-594-4720
;
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid

```







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/ APPLICANT: HERRNSTADT, Corinna
/ APPLICANT: GHOSH, Soumitra S.
/ APPLICANT: FAHY, Boim
/ TITLE OF INVENTION: Methods for Detecting Mitochondrial Mutations
/ TITLE OF INVENTION: Diagnostic for Alzheimer's Disease and Methods for Determining
/ TITLE OF INVENTION: of Mitochondrial Nucleic Acid
/ NUMBER OF SEQUENCES: 82
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Kenyon & Kenyon
/ STREET: 1025 Connecticut Avenue, N.W., Suite 600
/ CITY: Washington
/ STATE: D.C.
/ COUNTRY: US
/ ZIP: 20036
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.25" Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Wordperfect 6.1 for Windows
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/810,599
/ FILING DATE: Concurrent Herewith
/ CLASSIFICATION: 436
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/757,438
/ FILING DATE: 27 No. 5976798 1996
/ APPLICATION NUMBER: US 08/614,072
/ FILING DATE: 12 Mar 1996
/ APPLICATION NUMBER: US 08/536,036
/ FILING DATE: 29 Sep 1995
/ APPLICATION NUMBER: US 08/414,969
/ FILING DATE: 31 Mar 1995
/ APPLICATION NUMBER: US 08/413,740
/ FILING DATE: 30 Mar 1995
/ APPLICATION NUMBER: US 08/410,658
/ FILING DATE: 24 MARCH 1995
/ APPLICATION NUMBER: US 08/397,808
/ FILING DATE: 3 Mar 1995
/ APPLICATION NUMBER: US 08/219,842
/ FILING DATE: 30 MARCH 1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Toffenetti, Judith L.
/ REGISTRATION NUMBER: 39,048
/ REFERENCE/DOCKET NUMBER: 2105/17
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-429-1776
/ TELEFAX: 202-429-0796
/ INFORMATION FOR SEQ ID NO: 53:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-08-810-599-53

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1932 CACACGACCTGTACA 1948
Db ||||| ||||| ||||| ||||| |||||
3 CACACACACCTGTCCA 19

RESULT 853
US-08-973-139-1
/ Sequence 1, Application US/08973139
/ Patent No. 6100028
/ GENERAL INFORMATION:
/ APPLICANT: Cole, James L.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
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/ APPLICANT: Olesen, David B.
/ APPLICANT: Kuo, Lawrence C.
/ TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY
/ NUMBER OF SEQUENCES: 5
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Ms. Joanne J. Giessey
/ STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907
/ CITY: Rahway
/ STATE: New Jersey
/ COUNTRY: USA
/ ZIP: 07065
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/973,139
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/487,760
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Giessey, Joanne M.
/ REGISTRATION NUMBER: 32,838
/ REFERENCE/DOCKET NUMBER: 19398
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (908)-594-3046
/ TELEFAX: (908)-594-4720
/ INFORMATION FOR SEQ ID NO: 1:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-08-973-139-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130
Db |:::| |:::| |:::| |:::| |:::|
1 GUUUUUUUUUUAUUU 17

RESULT 854
US-08-480-068-1
/ Sequence 1, Application US/08480068
/ Patent No. 6111095
/ GENERAL INFORMATION:
/ APPLICANT: BENSELER, FRITZ
/ APPLICANT: COLE, JAMES L.
/ APPLICANT: OLSEN, DAVID B.
/ APPLICANT: KUO, LAWRENCE C.
/ TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
/ STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
/ CITY: RAHWAY
/ STATE: NJ
/ COUNTRY: US
/ ZIP: 07065-0907
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
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Thu Oct 28 12:48:24 2004

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; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSE, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
DB 1 GUUUUUAUUUUAAUUU 17

RESULT 855
US-08-480-068-4
; Sequence 4, Application US/08480068
; Patent No. 611095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSE, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
DB 1 GUUUUUAUUUUAAUUU 17

RESULT 855
US-08-480-068-4
; Sequence 4, Application US/08480068
; Patent No. 611095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSE, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
DB 1 GUUUUUAUUUUAAUUU 17

RESULT 856
US-08-480-068-6
; Sequence 6, Application US/08480068
; Patent No. 611095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSE - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSE, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; US-08-480-068-4
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; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
; US-08-480-068-6
;
; Query Match 0.4%; Score 13.8; DB 1; Length 19;
; Best Local Similarity 23.5%; Pred. No. 7.9e+02;
; Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
;
; QY 3114 GTTTAAATTTTAACTT 3130
; Db 1 GUUUUUUUUUUAAUUT 17
;
; RESULT 857
; US-08-480-068-7
; Sequence 7, Application US/08480069
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION NUMBER:
; CLASSIFICATION: 514
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
; US-08-480-068-7
;
; Query Match 0.4%; Score 13.8; DB 1; Length 19;
; Best Local Similarity 23.5%; Pred. No. 7.9e+02;
; Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
;
; QY 3114 GTTTAAATTTTAACTT 3130
; Db 1 GUUUUUUUUUUAAUUT 17
;
; RESULT 858
; US-08-480-068-8
; Sequence 8, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSER, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
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;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: Genomic RNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; FRAGMENT TYPE:  
;; ORIGINAL SOURCE:  
;; FEATURE:  
;; NAME/KEY: Modified Base  
;; LOCATION: 1...1  
;; OTHER INFORMATION:  
;; NAME/KEY: Modified Base  
;; LOCATION: 1...1  
;; OTHER INFORMATION:  
;; NAME/KEY: Modified Base  
;; LOCATION: 6...6  
;; OTHER INFORMATION:  
;; US-08-480-068-8

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 23.5%; Pred. No. 7.9e+02;  
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

OY 3114 GTTTTAATTTTAACTT 3130  
DB 1 GUUUUUUUUUUAUUU 17

RESULT 859  
US-08-480-068-9  
; Sequence 9, Application US/08480068  
; Patent No. 6111095  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/480,068  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSEY, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA

;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; FRAGMENT TYPE:  
;; ORIGINAL SOURCE:  
;; FEATURE:  
;; NAME/KEY: Modified Base  
;; LOCATION: 1...1  
;; OTHER INFORMATION:  
;; NAME/KEY: Modified Base  
;; LOCATION: 1...1  
;; OTHER INFORMATION:  
;; NAME/KEY: Modified Base  
;; LOCATION: 6...6  
;; OTHER INFORMATION:  
;; US-08-480-068-9

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 23.5%; Pred. No. 7.9e+02;  
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

OY 3114 GTTTTAATTTTAACTT 3130  
DB 1 GUUUUUUUUUUAUUU 17

RESULT 860  
US-08-480-068-10  
; Sequence 10, Application US/08480068  
; Patent No. 6111095  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/480,068  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSEY, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:

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; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 19...19
; OTHER INFORMATION:
; US-08-480-068-10

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
Db 1 GUUUUUUUUUUAUUU 17

RESULT 861
US-08-480-068-13
; Sequence 13, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 19...19
; OTHER INFORMATION:
; US-08-480-068-10

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130
Db 1 GUUUUUUUUUUAUUU 17

RESULT 862
US-08-480-068-14
; Sequence 14, Application US/08480068
; Patent No. 6111095
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,068
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 2...2
; OTHER INFORMATION:
; US-08-480-068-14
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Db 1 GUUUUUUUUUUUUUUUU 17

RESULT 868

US-08-973-137-4  
; Sequence 4, Application US/08973137  
; Patent No. 6369208  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973,137  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,068  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSER, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 13...13  
; OTHER INFORMATION:  
; US-08-973-137-4

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 23.5%; Pred. No. 7.9e+02;  
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUUUU 17

RESULT 869

US-08-973-137-6  
; Sequence 6, Application US/08973137

; Patent No. 6369208  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ  
; APPLICANT: COLE, JAMES L.  
; APPLICANT: OLSEN, DAVID B.  
; APPLICANT: KUO, LAWRENCE C.  
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: JOANNE M. GIESSER - MERCK & CO., INC.  
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000  
; CITY: RAHWAY  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07065-0907  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/973,137  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,068  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: GIESSER, JOANNE M  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19406  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 908-594-3046  
; TELEFAX: 908-594-4720  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Genomic RNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; FEATURE:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 1...1  
; OTHER INFORMATION:  
; NAME/KEY: Modified Base  
; LOCATION: 13...13  
; OTHER INFORMATION:  
; US-08-973-137-6

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 23.5%; Pred. No. 7.9e+02;  
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAATTTTAACTT 3130

Db 1 GUUUUUUUUUUUUUUUU 17

RESULT 870

US-08-973-137-7  
; Sequence 7, Application US/08973137  
; Patent No. 6369208  
; GENERAL INFORMATION:  
; APPLICANT: BENSELER, FRITZ



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; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
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; US-08-973-137-7

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAAATTTTAACTT 3130
DB 1 GUUUUUUUUUUAAUUU 17

RESULT 871
US-08-973-137-8
; Sequence 8, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:

```

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; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 6...6
; OTHER INFORMATION:
;
; US-08-973-137-8

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTTAAATTTTAACTT 3130
DB 1 GUUUUUUUUUUAAUUU 17

RESULT 872
US-08-973-137-9
; Sequence 9, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:

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; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838
; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 13...13
; OTHER INFORMATION:
;
US-08-973-137-15

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130
Db 1 GUUUUUUUUUUUUUU 17

RESULT 877
US-08-973-137-16
; Sequence 16, Application US/08973137
; Patent No. 6369208
; GENERAL INFORMATION:
; APPLICANT: BENSELER, FRITZ
; APPLICANT: COLE, JAMES L.
; APPLICANT: OLSEN, DAVID B.
; APPLICANT: KUO, LAWRENCE C.
; TITLE OF INVENTION: CAPPED SYNTHETIC RNA, ANALOGS, AND APTAMERS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: JOANNE M. GIESSEY - MERCK & CO., INC.
; STREET: 126 EAST LINCOLN AVENUE - P.O. BOX 2000
; CITY: RAHWAY
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,137
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,068
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: GIESSEY, JOANNE M
; REGISTRATION NUMBER: 32,838

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; REFERENCE/DOCKET NUMBER: 19406
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3046
; TELEFAX: 908-594-4720
; TELEX:
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic RNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 1...1
; OTHER INFORMATION:
; NAME/KEY: Modified Base
; LOCATION: 12...12
; OTHER INFORMATION:
;
US-08-973-137-16

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 23.5%; Pred. No. 7.9e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 3114 GTTTAAATTTTAACTT 3130
Db 1 GUUUUUUUUUUUUUU 17

RESULT 878
US-09-302-681-49
; Sequence 49, Application US/09302681
; Patent No. 6441149
; GENERAL INFORMATION:
; APPLICANT: Herrin, Corrina
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Clevenger, William
; APPLICANT: Fahy, Eoin F.
; APPLICANT: Davis, Robert R.
; TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON
; FILE REFERENCE: 66088.416C1
; CURRENT APPLICATION NUMBER: US/09/302,681
; CURRENT FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 49
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer corresponding to cytochrome
; OTHER INFORMATION: c oxidase encoding mitochondrial DNA
;
US-09-302-681-49

Query Match 0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1932 CACACACACCTGTACA 1948
Db 2 CACACACACCTGTCCA 18

RESULT 879

```

US-09-302-681-50  
; Sequence 50, Application US/09302681  
; Patent No. 6441149  
; GENERAL INFORMATION:  
; APPLICANT: Herznstadt, Cortina  
; APPLICANT: Ghosh, Soumitra S.  
; APPLICANT: Cleverger, William  
; APPLICANT: Fahy, Eoin F.  
; APPLICANT: Davis, Robert E.  
; TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON  
; FILE REFERENCE: 660088.416C1  
; CURRENT APPLICATION NUMBER: US/09/302,681  
; CURRENT FILING DATE: 1999-04-30  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 50  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer corresponding to cytochrome  
; OTHER INFORMATION: c oxidase encoding mitochondrial DNA  
US-09-302-681-50

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1932 CACACAGGACCTGTACA 1948  
DB 3 CACACACGACCTGTCCA 19  
|||||

RESULT 880  
US-09-018-125-9/c  
; Sequence 9, Application US/09018125A  
; Patent No. 6468983  
; GENERAL INFORMATION:  
; APPLICANT: Silverman, Robert H.  
; APPLICANT: Kondo, Seiji  
; APPLICANT: Cowell, John K.  
; APPLICANT: Li, Guiying  
; APPLICANT: Torrence, Paul F.  
; TITLE OF INVENTION: RNASE L ACTIVATORS AND ANTISENSE OLIGONUCLEOTIDES  
; FILE REFERENCE: 8656-022  
; CURRENT APPLICATION NUMBER: US/09/018,125A  
; CURRENT FILING DATE: 1999-02-03  
; EARLIER APPLICATION NUMBER: 60/044,507  
; EARLIER FILING DATE: 1997-04-21  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 9  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: oligonucleotide  
US-09-018-125-9

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2558 TGCCTTTGCACCGGG 2574  
DB 18 TGCATTTCACCCCGG 2  
|||||

RESULT 881  
US-09-475-947A-217

; Sequence 217, Application US/09475947A  
; Patent No. 6472154  
; GENERAL INFORMATION:  
; APPLICANT: Garner, Harold R.  
; APPLICANT: Wren, Jonathan D.  
; APPLICANT: Minna, John D.  
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
; FILE REFERENCE: UTS00667  
; CURRENT APPLICATION NUMBER: US/09/475,947A  
; CURRENT FILING DATE: 1999-12-31  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 217  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: human  
US-09-475-947A-217

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2832 ATATATATATATAACAT 2848  
DB 1 ATATATATATATATAT 17  
|||||

RESULT 882  
US-09-136-080E-12  
; Sequence 12, Application US/09136080E  
; Patent No. 6518017  
; GENERAL INFORMATION:  
; APPLICANT: Riley, Timothy A.  
; APPLICANT: Brown, Bob D.  
; APPLICANT: Arnold, Lyle J.  
; TITLE OF INVENTION: COMBINATORIAL ANTISENSE LIBRARY  
; FILE REFERENCE: OASBIO.003A  
; CURRENT APPLICATION NUMBER: US/09/136,080E  
; CURRENT FILING DATE: 1998-08-18  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 12  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
; NAME/KEY: misc.feature  
; LOCATION: (15)...(15); (16)...(16)  
; OTHER INFORMATION: Glen research spacer 9 (cat # 10-1909-90) between c 15 and g 16  
US-09-136-080E-12

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 70.6%; Pred. No. 7.9e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1434 GCTGGTGGAGTACGGG 1450  
DB 1 GCUGGUAGAGACUCGG 17  
|||||

RESULT 883  
US-09-136-080E-26  
; Sequence 26, Application US/09136080E  
; Patent No. 6518017  
; GENERAL INFORMATION:  
; APPLICANT: Riley, Timothy A.  
; APPLICANT: Brown, Bob D.  
; APPLICANT: Arnold, Lyle J.  
; TITLE OF INVENTION: COMBINATORIAL ANTISENSE LIBRARY  
; FILE REFERENCE: OASBIO.003A  
; CURRENT APPLICATION NUMBER: US/09/136,080E  
; CURRENT FILING DATE: 1998-08-18

; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 26  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
; NAME/KEY: misc\_feature  
; LOCATION: (15)...(15); (16)...(16)  
; OTHER INFORMATION: Glen research spacer 9 (cat # 10-1909-90) between c 15 and g 16  
US-09-136-080E-26

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 70.6%; Pred. No. 7.9e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1434 GCTGTGGAGTACGCGG 1450  
||:|:|:|:|:|:|:|:|:|  
DB 1 GCUGGUGAGUACUCGG 17

## RESULT 884

US-09-422-978-4380/c  
; Sequence 4380, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 4380  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-1480 for SEQ 446,  
US-09-422-978-4380

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2751 CTTTACCTTTTATGCAA 2767  
||:|:|:|:|:|:|:|:|:|  
DB 17 CTATACCTTTTGTGCAA 1

## RESULT 885

US-09-422-978-4817/c  
; Sequence 4817, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850

; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 4817  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-17989 for SEQ 883,  
US-09-422-978-4817

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 887 GTGTGTATCGGCATC 903  
||:|:|:|:|:|:|:|:|:|  
DB 19 GTGTGTATGTAGTCATC 3

## RESULT 886

US-09-422-978-5699/c  
; Sequence 5699, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 5699  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..19  
; OTHER INFORMATION: upstream amplification primer 99-6193 for SEQ 1765,  
US-09-422-978-5699

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1347 TCAGATGGAGATGATGA 1363  
||:|:|:|:|:|:|:|:|:|  
DB 17 TCAGATGAAGATGAAGA 1

## RESULT 887

US-09-422-978-6340/c  
; Sequence 6340, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI

```
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6340
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-10843 for SEQ 2406,
US-09-422-978-6340

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3449 AGATGTTACAGTTTAT 3465
Db 18 AGATGTAACAGGTTTAT 2
||||| ||| |||||
||||| ||| |||||

RESULT 888
US-09-672-717-3
; Sequence 3, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-3

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2831 CATATATATATAACA 2847
Db 1 CAGATATATATGTAACA 17
||||| ||| |||||
||||| ||| |||||

RESULT 889
US-09-696-791-335
; Sequence 335, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1836
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1836

; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 335
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-335

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1880 AGCTCTTCAAGTGCTG 1896
Db 3 ACCTCTTCAGTGCTG 19
||||| ||| |||||
||||| ||| |||||

RESULT 890
US-09-696-791-348
; Sequence 348, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 348
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdk3 ribozyme binding site
US-09-696-791-348

Query Match      0.4%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 7.9e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1675 GCAGACTTCGGCTGGC 1691
Db 2 GCTGACTTCGGCTGGC 18
||||| ||| |||||
||||| ||| |||||

RESULT 891
US-09-696-791-1836
; Sequence 1836, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1836
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1836
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Query Match 0.4%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1830 GGAGATCTTCACGCTGG 1846  
 DB 2 GGAGGTCTTCCGCTGG 18

RESULT 892  
 US-09-696-791-1837  
 ; Sequence 1837, Application US/09696791  
 ; Patent No. 6770633  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Robbins, Joan M.  
 ; APPLICANT: Tritz, Richard  
 ; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
 ; TITLE OF INVENTION: SKIN AND EYE DISEASES  
 ; FILE REFERENCE: 480124.407  
 ; CURRENT APPLICATION NUMBER: US/09/696,791  
 ; NUMBER OF SEQ ID NOS: 4523  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 1837  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; OTHER INFORMATION: Cyclin D1 ribozyme binding site  
 US-09-696-791-1837

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 1830 GGAGATCTTCACGCTGG 1846  
 DB 1 GGAGGTCTTCCGCTGG 17

RESULT 893  
 US-09-696-791-2124/c  
 ; Sequence 2124, Application US/09696791  
 ; Patent No. 6770633  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Robbins, Joan M.  
 ; APPLICANT: Tritz, Richard  
 ; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
 ; TITLE OF INVENTION: SKIN AND EYE DISEASES  
 ; FILE REFERENCE: 480124.407  
 ; CURRENT APPLICATION NUMBER: US/09/696,791  
 ; CURRENT FILING DATE: 2000-10-25  
 ; NUMBER OF SEQ ID NOS: 4523  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 2124  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; OTHER INFORMATION: Cyclin E ribozyme binding site  
 US-09-696-791-2124

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 3490 GAGTTTTTACAGATCT 3506  
 DB 17 GAGTTTTTACACATTT 1

RESULT 894  
 US-09-696-791-2313/c

; Sequence 2313, Application US/09696791  
 ; Patent No. 6770633  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Robbins, Joan M.  
 ; APPLICANT: Tritz, Richard  
 ; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE  
 ; TITLE OF INVENTION: SKIN AND EYE DISEASES  
 ; FILE REFERENCE: 480124.407  
 ; CURRENT APPLICATION NUMBER: US/09/696,791  
 ; CURRENT FILING DATE: 2000-10-25  
 ; NUMBER OF SEQ ID NOS: 4523  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 2313  
 ; LENGTH: 19  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; FEATURE:  
 ; OTHER INFORMATION: Cyclin E ribozyme binding site  
 US-09-696-791-2313

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
 Best Local Similarity 88.2%; Pred. No. 7.9e+02;  
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
 QY 2869 GGTACACGGAGGCTTG 2885  
 DB 19 GGTACACGGAGCCAG 3

RESULT 895  
 PCT-US96-08320-1  
 ; Sequence 1, Application PC/TUS9608320  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Cole, James L.  
 ; APPLICANT: Olsen, David B.  
 ; APPLICANT: Kuo, Lawrence C.  
 ; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY FOR  
 ; TITLE OF INVENTION: INFLUENZA VIRUS ENDONUCLEASE  
 ; NUMBER OF SEQUENCES: 5  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Ms. Joanne J. Gieser  
 ; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
 ; CITY: Rahway  
 ; STATE: New Jersey  
 ; COUNTRY: USA  
 ; ZIP: 07065  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/US96/08320  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Gieser, Joanne M.  
 ; REGISTRATION NUMBER: 32,838  
 ; REFERENCE/DOCKET NUMBER: 19393 PCT  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (908)-594-3046  
 ; TELEFAX: (908)-594-4720  
 ; INFORMATION FOR SEQ ID NO: 1:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 19 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 PCT-US96-08320-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;



Best Local Similarity 23.5%; Pred. No. 7.9e+02; Indels 0; Gaps 0;  
Matches 4; Conservative 11; Mismatches 2;

QY 3114 GTTTAAATTTTAACTT 3130  
Db 1 GUUUUUUUUUUUUUU 17

RESULT 896  
PCT-US96-08330-1  
; Sequence 1, Application PC/TUS9608330  
; GENERAL INFORMATION:  
; APPLICANT: MERCK & CO., INC.  
; APPLICANT: Cole, James L.  
; APPLICANT: Olsen, David B.  
; APPLICANT: Kuo, Lawrence C.  
; TITLE OF INVENTION: DNA POLYMERASE EXTENSION ASSAY  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ms. Joanne J. Giesser  
; STREET: 126 E. Lincoln Avenue, P.O. Box 2000-0907  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/08330  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Giesser, Joanne M.  
; REGISTRATION NUMBER: 32,838  
; REFERENCE/DOCKET NUMBER: 19398 PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908)-594-3046  
; TELEFAX: (908)-594-4720  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; HYPOTHEtical: NO  
; ANTI-SENSE: NO  
PCT-US96-08330-1

Query Match 0.4%; Score 13.8; DB 1; Length 19;  
Best Local Similarity 23.5%; Pred. No. 7.9e+02; Indels 0; Gaps 0;  
Matches 4; Conservative 11; Mismatches 2;

QY 3114 GTTTAAATTTTAACTT 3130  
Db 1 GUUUUUUUUUUUUUU 17

RESULT 897  
US-08-621-914A-2  
; Sequence 2, Application US/08621914A  
; Patent No. 5707807  
; GENERAL INFORMATION:  
; APPLICANT: KATO, KIKUYA  
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
; TITLE OF INVENTION: ANALYSIS  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PENNIE & EDMONDS  
; STREET: 1155 AVENUE OF THE AMERICAS  
; CITY: NEW YORK

; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/621,914A  
; FILING DATE: 26-MAR-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: LAWRENCE ILL, STANTON T.  
; REGISTRATION NUMBER: 25,736  
; REFERENCE/DOCKET NUMBER: 7005-107-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 26 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: other nucleic acid  
US-08-621-914A-2

Query Match 0.4%; Score 13.8; DB 1; Length 26;  
Best Local Similarity 72.0%; Pred. No. 1.1e+03; Indels 0; Gaps 0;  
Matches 18; Conservative 0; Mismatches 7;

QY 3262 TATTTATTTGTTGTCCTTTTC 3286  
Db 2 TTTTTCCTTTTTCCTTTTC 26

RESULT 898  
US-08-873-437-2  
; Sequence 2, Application US/08873437  
; Patent No. 6124092  
; GENERAL INFORMATION:  
; APPLICANT: O'Neill, Roger A.  
; APPLICANT: Chen, Jer-Kang  
; APPLICANT: Chiesa, Claudia  
; APPLICANT: Fy, George  
; TITLE OF INVENTION: Multiplex Polynucleotide Capture  
; NUMBER OF SEQUENCES: 50  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PE Applied Biosystems  
; STREET: 850 Lincoln Centre Drive  
; CITY: Foster City  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/873,437  
; FILING DATE: 12-JUN-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/027,832  
; FILING DATE: 04-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bortner, Scott R.  
; REGISTRATION NUMBER: 34,298  
; REFERENCE/DOCKET NUMBER: 4294  
; TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: 415-638-6245
; TELEFAX: 415-638-6071
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-873-437-2

Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTC 3286
Db 2 TTTTITTTTTTTTTTTTTTTTTTTC 26

RESULT 899
US-09-522-217-39
; Sequence 39, Application US/09522217
; Patent No. 6307024
; GENERAL INFORMATION:
; APPLICANT: No. 6307024ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; EARLIER FILING DATE: 2000-03-09
; EARLIER FILING DATE: 1999-03-09
; EARLIER FILING DATE: 1999-03-11
; EARLIER FILING DATE: 1999-03-11
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-09-522-217-39

Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTC 3286
Db 2 TTTTITTTTTTTTTTTTTTTTTTTC 26

RESULT 900
US-09-593-312-2
; Sequence 2, Application US/09593312
; Patent No. 6514699
; GENERAL INFORMATION:
; APPLICANT: O'Neill, Roger A.
; APPLICANT: Chen, Jer-Kang
; APPLICANT: Chiesa, Claudia
; APPLICANT: Fry, George
; TITLE OF INVENTION: Multiplex Polynucleotide Capture

```

```

; TITLE OF INVENTION: Methods and Compositions
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSES: PE Applied Biosystems
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: CA
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/593,312
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/873,437
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Borthner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 4294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-638-6245
; TELEFAX: 415-638-6071
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-593-312-2

Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTC 3286
Db 2 TTTTITTTTTTTTTTTTTTTTTTTC 26

RESULT 901
US-09-923-246-39
; Sequence 39, Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHAL1 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-09-923-246-39

Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTTGTCCTTTTC 3286
Db 2 TTTTATTTTATTTTATTTTATTTTTC 26

RESULT 902
US-09-658-077-1
; Sequence 1, Application US/09658077
; Patent No. 6627748
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingyue
; APPLICANT: et al.
; TITLE OF INVENTION: Combinatorial Fluorescence Energy Transfer Tags And
; FILE REFERENCE: 0575/62238/JFW/ADM
; CURRENT FILING DATE: 2000-09-11
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: scaffold
US-09-658-077-1

Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTTGTCCTTTTC 3286
Db 2 TTTTATTTTATTTTATTTTATTTTTC 26

RESULT 903
US-10-295-723-39
; Sequence 39, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
```

```
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39

Query Match          0.4%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTTGTCCTTTTC 3286
Db 2 TTTTATTTTATTTTATTTTATTTTTC 26

RESULT 904
US-09-648-040-4/c
; Sequence 4, Application US/09648040
; Patent No. 6436665
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis
; TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/09/648,040
; CURRENT FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/151,261
; PRIOR FILING DATE: 1999-08-27
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-09-648-040-4

Query Match          0.4%; Score 13.8; DB 1; Length 30;
Best Local Similarity 69.2%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3260 GATATTTTATTTGCTTTGTCCTTTTC 3285
Db 30 GGTATTTTATTTTATTTTATTTTTC 5

RESULT 905
US-09-244-794A-12
; Sequence 12, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
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; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 18
; LENGTH: 45
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Pl primer for
; OTHER INFORMATION: use in allele discrimination
US-09-827-289-18

Query Match          0.4%; Score 13.8; DB 1; Length 45;
Best Local Similarity 58.5%; Pred. No. 1.4e+03;
Matches 24; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 1347 TCAGATGGAGATGATGAGATGATCGGAGAAACACAAAAACA 1387
DB 45 TCAGAGGTGAAAAAAGAAAAAAGAAAAAAGAAAAAAGAAAAA 5

RESULT 910
US-08-222-177A-203
; Sequence 203, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n. (dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DeWitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 45 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; CLONE: mids2rs
; IMMEDIATE SOURCE:
US-08-222-177A-203

Query Match          0.4%; Score 13.8; DB 1; Length 45;
Best Local Similarity 53.6%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 608 ACAGTGACGCACAGCCCGCCATCCAGTGGCTCA 640

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DB 11 ACACACACACACACACACACACACTTGCACA 43

RESULT 911
US-09-280-805-209
; Sequence 209, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 209:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-209

Query Match          0.4%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 9e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATATAA 2845
DB 1 ATATAGTTAGAAATATATAA 20

RESULT 912
US-08-211-202-32/c
; Sequence 32, Application US/08211202
; Patent No. 5565332
; GENERAL INFORMATION:
; APPLICANT: HOOGENBOOM, Hendricus Renerus Jacobus Matteus
; APPLICANT: BAIER, Michael
; APPLICANT: JESPEERS, Laurent Stephane Anne Therese
; APPLICANT: WINTER, Gregory Paul
; TITLE OF INVENTION: Production of chimeric antibodies - a
; TITLE OF INVENTION: combinatorial approach
; NUMBER OF SEQUENCES: 144
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David W. Clough, Marshall O'Toole Gerstein Murray &
; ADDRESSEE: Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive

```



CLASSIFICATION: 435  
PRIOR APPLICATION DATA: GB 9110549.4  
FILING DATE: 15-MAY-1991  
PRIOR APPLICATION DATA: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA: PCT/GB91/01134  
FILING DATE: 10-JUL-1991  
PRIOR APPLICATION DATA: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
PRIOR APPLICATION DATA: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
PRIOR APPLICATION DATA: US 08/150,002  
FILING DATE: 31-MAR-1994  
PRIOR APPLICATION DATA: US 08/307,619  
FILING DATE: 16-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32372  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-350-260A-58

Query Match 0.4%; Score 13.6; DB 1; Length 23;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120  
DB 20 GACTCCACCGCTGCACCTC 1

RESULT 915  
US-09-050-783-12/c  
Sequence 12, Application US/09050783  
Patent No. 6140471  
GENERAL INFORMATION:  
APPLICANT: Johnson, Kevin S  
APPLICANT: Winter, Gregory P  
APPLICANT: Griffiths, Andrew D  
APPLICANT: Smith, Andrew JH  
APPLICANT: Waterhouse, P  
TITLE OF INVENTION: Methods for producing members of specific  
NUMBER OF SEQUENCES: 67  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/050,783  
FILING DATE:

CLASSIFICATION:  
PRIOR APPLICATION DATA: US 08/307,619  
FILING DATE: 16-SEP-1994  
APPLICATION NUMBER: PCT/GB93/00605  
FILING DATE: 24-MAR-1993  
PRIOR APPLICATION DATA: GB 9206318.9  
FILING DATE: 24-MAR-1992  
PRIOR APPLICATION DATA: PCT/GB92/00883  
FILING DATE: 15-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: David W. Clough  
REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 28111/32238  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-474-6300  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-050-783-12

Query Match 0.4%; Score 13.6; DB 1; Length 23;  
Best Local Similarity 80.0%; Pred. No. 1.1e+03;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120  
DB 20 GACTCCACCGCTGCACCTC 1

RESULT 916  
US-09-104-337A-58/c  
Sequence 58, Application US/09104337A  
Patent No. 6492160  
GENERAL INFORMATION:  
APPLICANT: Winter, Gregory Paul  
Griffiths, Andrew David  
Williams, Samuel Cameron  
Waterhouse, Peter  
Nissim, Ahuva  
Johnson, Kevin Stuart  
Smith, Andrew John Hammond  
TITLE OF INVENTION: Methods for producing members of specific  
NUMBER OF SEQUENCES: 600  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Audrey L. Bartnicki  
STREET: Marshall, Gerstein & Borun  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/104,337A  
FILING DATE: 25-Jun-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/350,260  
FILING DATE: 05-DEC-1994  
APPLICATION NUMBER: GB 9110549.4  
FILING DATE: 15-MAY-1991  
APPLICATION NUMBER: GB 9206318.9  
FILING DATE: 24-MAR-1992

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/ APPLICATION NUMBER: PCT/GB92/00883
/ FILING DATE: 15-MAY-1992
/ APPLICATION NUMBER: PCT/GB93/00605
/ FILING DATE: 24-MAR-1993
/ APPLICATION NUMBER: US 08/150,002
/ FILING DATE: 31-MAR-1994
/ APPLICATION NUMBER: US 08/307,619
/ FILING DATE: 16-SEP-1994
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Bartnicki, Audrey L.
/ REGISTRATION NUMBER: 40,499
/ REFERENCE/DOCKET NUMBER: 28111/32372A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 312-474-6300
/ INFORMATION FOR SEQ ID NO: 58:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-09-104-337A-58
Query Match 0.4%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120
Db 20 GACTCCACCGAGCTGCACCTC 1

RESULT 917
US-10-067-443-35/c
/ Sequence 35, Application US/10067443
/ Patent No. 6642041
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED
/ FILE OF INVENTION: SPINAL CORD, MP-1
/ FILE REFERENCE: D0073 NP
/ CURRENT APPLICATION NUMBER: US/10/067,443
/ CURRENT FILING DATE: 2002-02-05
/ PRIOR APPLICATION NUMBER: US 60/266,518
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: US 60/282,814
/ PRIOR FILING DATE: 2001-04-10
/ NUMBER OF SEQ ID NOS: 71
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 35
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-067-443-35
Query Match 0.4%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120
Db 20 GACTCCACCGAGCTGCACCTC 1

RESULT 918
US-10-153-064-35/c
/ Sequence 35, Application US/10153064
/ Patent No. 6663485
/ GENERAL INFORMATION:
/ APPLICANT: Bell et al.
/ TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins
/ FILE REFERENCE: PF556
/ CURRENT APPLICATION NUMBER: US/10/153,064
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/ CURRENT FILING DATE: 2002-05-24
/ PRIOR APPLICATION NUMBER: 60/293,212
/ PRIOR FILING DATE: 2001-05-25
/ NUMBER OF SEQ ID NOS: 137
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 35
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Degenerate VH forward primer useful for
/ OTHER INFORMATION: amplifying human VH domains
US-10-153-064-35
Query Match 0.4%; Score 13.6; DB 1; Length 23;
Best Local Similarity 80.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2101 GACACCCCGAGCTCCAGCTC 2120
Db 20 GACTCCACCGAGCTGCACCTC 1

RESULT 919
US-09-244-794A-8/c
/ Sequence 8, Application US/09244794A
/ Patent No. 6214553
/ GENERAL INFORMATION:
/ APPLICANT: Szostak, Jack W.
/ APPLICANT: Roberts, Richard W.
/ APPLICANT: Liu, Rihe
/ TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
/ FILE OF INVENTION: FUSIONS
/ FILE REFERENCE: 00786/350006
/ CURRENT APPLICATION NUMBER: US/09/244,794A
/ CURRENT FILING DATE: 1999-02-05
/ PRIOR APPLICATION NUMBER: 60/035,963
/ PRIOR FILING DATE: 1997-01-27
/ PRIOR APPLICATION NUMBER: 60/064,491
/ PRIOR FILING DATE: 1997-11-06
/ PRIOR APPLICATION NUMBER: 09/007,005
/ PRIOR FILING DATE: 1998-01-14
/ NUMBER OF SEQ ID NOS: 33
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 8
/ LENGTH: 29
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Translation template
US-09-244-794A-8
Query Match 0.4%; Score 13.6; DB 1; Length 29;
Best Local Similarity 67.9%; Pred. No. 1.3e+03;
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 3307 GGATTTTCTTTAGGAGATTATTTT 3334
Db 29 GGTATTTTCTTTTATTTTATTTT 2

RESULT 920
US-09-007-005-8/c
/ Sequence 8, Application US/09007005B
/ Patent No. 6258558
/ GENERAL INFORMATION:
/ APPLICANT: Szostak, Jack W.
/ APPLICANT: Roberts, Richard W.
/ APPLICANT: Liu, Rihe
/ TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
/ FILE OF INVENTION: FUSIONS
/ FILE REFERENCE: 00786/350003
/ CURRENT APPLICATION NUMBER: US/09/007,005B
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<pre>; CURRENT FILING DATE: 1998-01-14 ; EARLIER APPLICATION NUMBER: 60/035,963 ; EARLIER FILING DATE: 1997-01-27 ; EARLIER APPLICATION NUMBER: 60/064,491 ; EARLIER FILING DATE: 1997-11-06 ; NUMBER OF SEQ ID NOS: 33 ; SOFTWARE: FastSeq for Windows Version 4.0 ; SEQ ID NO 8 ; LENGTH: 29 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Translation template US-09-007-005-8</pre>	<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>
<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>	<pre>RESULT 921 US-09-247-190-8/c ; Sequence 8, Application US/09247190 ; Patent No. 6261804 ; GENERAL INFORMATION: ; APPLICANT: Szostak, Jack W. ; APPLICANT: Roberts, Richard W. ; APPLICANT: Liu, Rihe ; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN ; FILE REFERENCE: 00786/350005 ; CURRENT APPLICATION NUMBER: US/09/247,190 ; CURRENT FILING DATE: 1999-02-09 ; EARLIER APPLICATION NUMBER: 60/035,963 ; EARLIER FILING DATE: 1997-01-21 ; EARLIER APPLICATION NUMBER: 60/064,491 ; EARLIER FILING DATE: 1997-11-06 ; EARLIER APPLICATION NUMBER: 09/007,005 ; EARLIER FILING DATE: 1998-01-14 ; NUMBER OF SEQ ID NOS: 38 ; SOFTWARE: FastSeq for Windows Version 4.0 ; SEQ ID NO 8 ; LENGTH: 29 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Translation template US-09-247-190-8</pre>
<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>	<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>
<pre>RESULT 922 US-09-244-796-8/c ; Sequence 8, Application US/09244796 ; Patent No. 6281344 ; GENERAL INFORMATION: ; APPLICANT: Szostak, Jack W. ; APPLICANT: Roberts, Richard W. ; APPLICANT: Liu, Rihe ; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN ; FILE REFERENCE: 00786/350007</pre>	<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>
<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>	<pre>RESULT 923 US-09-238-710-8/c ; Sequence 8, Application US/09238710A ; Patent No. 6518018 ; GENERAL INFORMATION: ; APPLICANT: Szostak, Jack W. ; APPLICANT: Roberts, Richard W. ; APPLICANT: Liu, Rihe ; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN ; FILE REFERENCE: 00786/350004 ; CURRENT APPLICATION NUMBER: US/09/238,710A ; CURRENT FILING DATE: 1999-01-28 ; EARLIER APPLICATION NUMBER: 60/035,963 ; EARLIER FILING DATE: 1997-01-27 ; EARLIER APPLICATION NUMBER: 60/064,491 ; EARLIER FILING DATE: 1997-11-06 ; EARLIER APPLICATION NUMBER: 09/007,005 ; EARLIER FILING DATE: 1998-01-14 ; NUMBER OF SEQ ID NOS: 33 ; SOFTWARE: FastSeq for Windows Version 4.0 ; SEQ ID NO 8 ; LENGTH: 29 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Translation template US-09-238-710-8</pre>
<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>	<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>
<pre>RESULT 924 US-09-282-734-3/c ; Sequence 3, Application US/09282734A ; Patent No. 6537749 ; GENERAL INFORMATION: ; APPLICANT: Robert G. Kuimelis et al. ; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS ; FILE REFERENCE: 50036/009002</pre>	<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>
<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>	<pre>RESULT 924 US-09-282-734-3/c ; Sequence 3, Application US/09282734A ; Patent No. 6537749 ; GENERAL INFORMATION: ; APPLICANT: Robert G. Kuimelis et al. ; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS ; FILE REFERENCE: 50036/009002</pre>

<pre>; CURRENT FILING DATE: 1998-01-14 ; EARLIER APPLICATION NUMBER: 60/035,963 ; EARLIER FILING DATE: 1997-01-27 ; EARLIER APPLICATION NUMBER: 60/064,491 ; EARLIER FILING DATE: 1997-11-06 ; NUMBER OF SEQ ID NOS: 33 ; SOFTWARE: FastSeq for Windows Version 4.0 ; SEQ ID NO 8 ; LENGTH: 29 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Translation template US-09-007-005-8</pre>	<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>
<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>	<pre>RESULT 921 US-09-247-190-8/c ; Sequence 8, Application US/09247190 ; Patent No. 6261804 ; GENERAL INFORMATION: ; APPLICANT: Szostak, Jack W. ; APPLICANT: Roberts, Richard W. ; APPLICANT: Liu, Rihe ; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN ; FILE REFERENCE: 00786/350005 ; CURRENT APPLICATION NUMBER: US/09/247,190 ; CURRENT FILING DATE: 1999-02-09 ; EARLIER APPLICATION NUMBER: 60/035,963 ; EARLIER FILING DATE: 1997-01-21 ; EARLIER APPLICATION NUMBER: 60/064,491 ; EARLIER FILING DATE: 1997-11-06 ; EARLIER APPLICATION NUMBER: 09/007,005 ; EARLIER FILING DATE: 1998-01-14 ; NUMBER OF SEQ ID NOS: 38 ; SOFTWARE: FastSeq for Windows Version 4.0 ; SEQ ID NO 8 ; LENGTH: 29 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Translation template US-09-247-190-8</pre>
<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>	<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>
<pre>RESULT 922 US-09-244-796-8/c ; Sequence 8, Application US/09244796 ; Patent No. 6281344 ; GENERAL INFORMATION: ; APPLICANT: Szostak, Jack W. ; APPLICANT: Roberts, Richard W. ; APPLICANT: Liu, Rihe ; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN ; FILE REFERENCE: 00786/350007</pre>	<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>
<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>	<pre>RESULT 923 US-09-238-710-8/c ; Sequence 8, Application US/09238710A ; Patent No. 6518018 ; GENERAL INFORMATION: ; APPLICANT: Szostak, Jack W. ; APPLICANT: Roberts, Richard W. ; APPLICANT: Liu, Rihe ; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN ; FILE REFERENCE: 00786/350004 ; CURRENT APPLICATION NUMBER: US/09/238,710A ; CURRENT FILING DATE: 1999-01-28 ; EARLIER APPLICATION NUMBER: 60/035,963 ; EARLIER FILING DATE: 1997-01-27 ; EARLIER APPLICATION NUMBER: 60/064,491 ; EARLIER FILING DATE: 1997-11-06 ; EARLIER APPLICATION NUMBER: 09/007,005 ; EARLIER FILING DATE: 1998-01-14 ; NUMBER OF SEQ ID NOS: 33 ; SOFTWARE: FastSeq for Windows Version 4.0 ; SEQ ID NO 8 ; LENGTH: 29 ; TYPE: DNA ; ORGANISM: Artificial Sequence ; FEATURE: ; OTHER INFORMATION: Translation template US-09-238-710-8</pre>
<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>	<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>
<pre>RESULT 924 US-09-282-734-3/c ; Sequence 3, Application US/09282734A ; Patent No. 6537749 ; GENERAL INFORMATION: ; APPLICANT: Robert G. Kuimelis et al. ; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS ; FILE REFERENCE: 50036/009002</pre>	<pre>Query Match      0.4%; Score 13.6; DB 1; Length 29; Best Local Similarity 67.9%; Pred. No. 1.3e+03; Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;</pre>
<pre>QY    3307 GGATTTTCTTAGGAGATTATTTTT 3334                                       Db     29 GGTATTTTCTTTTATTTTATTTT 2</pre>	<pre>RESULT 924 US-09-282-734-3/c ; Sequence 3, Application US/09282734A ; Patent No. 6537749 ; GENERAL INFORMATION: ; APPLICANT: Robert G. Kuimelis et al. ; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS ; FILE REFERENCE: 50036/009002</pre>

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; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Oligonucleotide used for
US-09-282-734-3

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Query Match 0.4%; Score 13.6; DB 1; Length 29;  
Best Local Similarity 67.9%; Pred. No. 1.3e+03;  
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

RESULT 925  
US-09-061-026-26  
; Sequence 26, Application US/09061026  
; Patent No. 6077934  
; GENERAL INFORMATION:  
; APPLICANT: Jacobsen, Richard  
; APPLICANT: Olivera, Baldomero M.  
; TITLE OF INVENTION: Contryphan Peptides  
; NUMBER OF SEQUENCES: 29  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: Rothwell, Figg, Ernst & Kurz, P.C.  
; STREET: 75 Thirteenth Street N.W., Suite 701-E  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/061,026  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/068,737

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/ FILING DATE: 24-DEC-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ihnen, Jeffrey L.
/ REGISTRATION NUMBER: 28,957
/ REFERENCE/DOCKET NUMBER: 2314-133
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-783-6040
/ TELEFAX: 202-783-6031
/ INFORMATION FOR SEQ ID NO: 26:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 33 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "primer"
US-09-061-026-26

Query Match          0.4%; Score 13.6; DB 1; Length 33;
Best Local Similarity 67.9%; Freq. No. 1.4e+03;
Matches 19; Conservative 0; Mismatches 9; Indels

QV      3307 GGATTTTCTTTAGGAGATTATTTTTT 3334

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Db            1 GCGTTTTTTTTTTTTTTTTTTTTTTT 28

RESULT 926  
US-09-466-138-26  
; Sequence 26, Application US/09456138  
; Patent No. 6153738  
; GENERAL INFORMATION:  
; APPLICANT: Jacobsen, Richard  
; APPLICANT: Olivera, Baldomero M.  
; TITLE OF INVENTION: Cntryphan Peptides  
; NUMBER OF SEQUENCES: 29  
; CORRESPONDENCE ADDRESS:

ADDRESS: Rothwell, Figg, Ernst & Kurz, P.C.  
STREET: 755 Thirteenth Street N.W., Suite 701-E  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/466,138  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/061,026  
FILING DATE:  
APPLICATION NUMBER: US 60/068,737  
FILING DATE: 24-DEC-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 2314-133  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-783-6040  
TELEFAX: 202-783-6031  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 33 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-09-466-138-26

RESULT 927  
US-09-462-569B-4  
; Sequence 4, Application US/09462569B  
; Patent No. 6392124  
; GENERAL INFORMATION:  
; APPLICANT: PONZ ASCASO, Fernando  
; APPLICANT: TORRES PASCUAL, Vicente  
; APPLICANT: SANCHEZ SANCHEZ, Florentina  
; APPLICANT: MARTINEZ HERRERA, David  
; TITLE OF INVENTION: INFECTIOUS VECTORS AND CLONES OF PLANTS DERIVED FROM  
; TITLE OF INVENTION: THE TURNIP MOSAIC VIRUS (TMV)  
; FILE REFERENCE: P/613-110  
; CURRENT APPLICATION NUMBER: US/09/462.569B

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; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: PCT/ES98/00200
; PRIOR FILING DATE: 1998-07-09
; PRIOR APPLICATION NUMBER: ES P 9701522
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: construct
; US-09-462-569B-4

Query Match          0.4%; Score 13.6; DB 1; Length 36;
Best Local Similarity 61.1%; Pred. No. 1.5e+03;
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 3299 TTCTATAGGATTTCTTTAGGAGATTTATTTT 3334
||| | | | | | | | | | | | | | | | | |
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 36

RESULT 928
US-08-771-624B-1
; Sequence 1, Application US/08771624B
; Patent No. 5914230
; GENERAL INFORMATION:
; APPLICANT: Liu, Yen Ping
; APPLICANT: Patel, Rajesh D.
; APPLICANT: Kurn, Nurith
; APPLICANT: Lin, Claire
; APPLICANT: Rose, Samuel J.
; APPLICANT: Ullman, Edwin F.
; TITLE OF INVENTION: Homogeneous Amplification and Detection
; TITLE OF INVENTION: of Nucleic Acids
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Behring Diagnostics GmbH, c/o Dade Behring Inc.
; STREET: 1717 Deerfield Road
; CITY: Deerfield
; STATE: Illinois
; COUNTRY: US
; ZIP: 60015-0778
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/771,624B
; FILING DATE: 20-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/009,090
; FILING DATE: 22-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ruezala, Lois K.
; REGISTRATION NUMBER: 39,074
; REFERENCE/DOCKET NUMBER: 1030
; TELEPHONE: (847) 267-5364
; TELEFAX: (847) 267-6024
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: C-terminal
; US-08-771-624B-1

Query Match          0.4%; Score 13.6; DB 1; Length 40;
Best Local Similarity 61.1%; Pred. No. 1.5e+03;
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 3299 TTCTATAGGATTTCTTTAGGAGATTTATTTT 3334
||| | | | | | | | | | | | | | | | | |
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 36

RESULT 929
US-08-440-209-4
; Sequence 4, Application US/08440209
; Patent No. 5922857
; GENERAL INFORMATION:
; APPLICANT: Han, Jang H
; APPLICANT: Spaete, Richard R
; TITLE OF INVENTION: Methods and Compositions for Controlling
; TITLE OF INVENTION: Translation of HCV Proteins
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield, and Sacks P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/440,209
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/477,895
; FILING DATE: 06-JUN-1995
; APPLICATION NUMBER: US 08/128,583
; FILING DATE: 28-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7004
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-440-209-4

Query Match          0.4%; Score 13.6; DB 1; Length 40;
Best Local Similarity 61.1%; Pred. No. 1.5e+03;
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 3299 TTCTATAGGATTTCTTTAGGAGATTTATTTT 3334
||| | | | | | | | | | | | | | | | | |
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 36

RESULT 930
US-08-440-209-4

Query Match          0.4%; Score 13.6; DB 1; Length 40;
Best Local Similarity 61.1%; Pred. No. 1.5e+03;
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 3299 TTCTATAGGATTTCTTTAGGAGATTTATTTT 3334
||| | | | | | | | | | | | | | | | | |
Db 1 TTTT TTTT TTTT TTTT TTTT TTTT TTTT 36

RESULT 930
```

US-08-439-996-4  
; Sequence 4, Application US/08439996  
; Patent No. 6057093  
; GENERAL INFORMATION:  
; APPLICANT: Han, Jang H  
; TITLE OF INVENTION: Methods and Compositions for Controlling  
; TITLE OF INVENTION: Translation of HCV Proteins  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Wolf, Greenfield, and Sacks P.C.  
; STREET: 600 Atlantic Avenue  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02210  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/439,996  
; FILING DATE:  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/477,895A  
; FILING DATE:  
; APPLICATION NUMBER: US 08/128,583  
; FILING DATE: 28-SEP-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Janiuk, Anthony J  
; REGISTRATION NUMBER: 29,809  
; REFERENCE/DOCKET NUMBER: C0772/7004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-720-3500  
; TELEFAX: 617-720-2441  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 40 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-439-996-4

Query Match 0.4%; Score 13.6; DB 1; Length 40;  
Best Local Similarity 61.1%; Pred. No. 1.5e+03;  
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;  
QY 3299 TTCTATAGGATTTCTTTAGAGATTTATTTT 3334  
Db 1 TTTTATTTTATTTTATTTTATTTTATTTT 36

RESULT 931  
US-08-222-177A-370  
; Sequence 370, Application US/08222177A  
; Patent No. 5582979  
; GENERAL INFORMATION:  
; APPLICANT: Weber, James L.  
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
; TITLE OF INVENTION: (GC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME  
; NUMBER OF SEQUENCES: 460  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: DeWitt Ross & Stevens, S.C.  
; STREET: 8000 Excelsior Drive, Suite 401  
; CITY: Madison  
; STATE: Wisconsin  
; COUNTRY: USA  
; ZIP: 53717-1914

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/222,177A  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/341,562  
; FILING DATE: 21-APR-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sara, Charles S.  
; REGISTRATION NUMBER: 30,492  
; REFERENCE/DOCKET NUMBER: 09865.601  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (608) 831-2100  
; TELEFAX: (608) 831-2106  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 370:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 43 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; IMMEDIATE SOURCE:  
; CLONE: mfd117rs  
US-08-222-177A-370

Query Match 0.4%; Score 13.6; DB 1; Length 43;  
Best Local Similarity 61.1%; Pred. No. 1.5e+03;  
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;  
QY 597 CTGCAAGGTGTACAGTGACGACACACACACACATCCA 632  
Db 2 CAGCAACATACACACACACACACACACACACACACACA 37

RESULT 932  
US-09-475-947A-83/c  
; Sequence 83, Application US/09475947A  
; Patent No. 6472154  
; GENERAL INFORMATION:  
; APPLICANT: Garner, Harold R.  
; APPLICANT: Wren, Jonathan D.  
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
; FILE REFERENCE: UTS0667  
; CURRENT APPLICATION NUMBER: US/09/475,947A  
; CURRENT FILING DATE: 1999-12-31  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 83  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: human  
US-09-475-947A-83

Query Match 0.4%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 3461 TTTATATATATCTAT 3475  
Db 15 TTTATATATATATAT 1

RESULT 933  
PCT-US92-00282-27/c  
; Sequence 27, Application PC/TUS9200282  
; GENERAL INFORMATION:

APPLICANT: OWENS, IDA S.  
APPLICANT: RITTER, JOSEPH K.  
TITLE OF INVENTION: THE GENETIC LOCUS UGT1 AND A MUTATION  
TITLE OF INVENTION: THEREIN.  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DARBY & CUSHMAN  
STREET: 1615 L STREET, N.W.  
CITY: WASHINGTON  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20036-5601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/00282  
FILING DATE: 19920110  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: SCOTT, WATSON T.  
REGISTRATION NUMBER: 26581  
REFERENCE/DOCKET NUMBER: 91532-PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
PCT-US92-00282-27

Query Match 0.4%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3462 TTATATATATCTATA 3476  
|||||  
Db 15 TTATATATATATA 1

RESULT 934  
US-08-153-051B-52  
Sequence 52, Application US/08153051B  
Patent No. 5645986  
GENERAL INFORMATION:  
APPLICANT: Michael D. West  
APPLICANT: Jerry W. Shay  
APPLICANT: Woodring B. Wright  
APPLICANT: Elizabeth Blackburn  
APPLICANT: Nam Woo Kim  
APPLICANT: Calvin B. Harley  
APPLICANT: Scott L. Weinrich  
APPLICANT: Catherine Strahl  
APPLICANT: Michael J. McEachern  
APPLICANT: Homayoun Vaziri  
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
TITLE OF INVENTION: CONDITIONS RELATED TO TELOMERE  
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY  
NUMBER OF SEQUENCES: 58  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.

ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/153,051B  
FILING DATE: No. 5645986ember 12, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/038,766  
FILING DATE: March 24, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 204/195  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-153-051B-52

Query Match 0.4%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTCTGTGTGTGTG 2327  
|||||  
Db 1 TGGTCTGTGTGTGTG 15

RESULT 935  
US-08-291-932A-378  
Sequence 378, Application US/08291932A  
Patent No. 5658780  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: NF-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,932A  
FILING DATE: August 15, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466

```

; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 378:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-291-932A-378

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2107 CCAGCTCCAGTCC 2121
Db 1 CCCAGCCCGCCGCC 15

RESULT 936
US-08-060-952C-51
; Sequence 51, Application US/08060952C
; Patent No. 5695932
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Jerry W. Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth Blackburn
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
; TITLE OF INVENTION: RELATED TO TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/060,952C
; FILING DATE: May 13, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 51:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-060-952C-51

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTGTGTGTGTGTG 2327
Db 1 TGGTGTGTGTGTGTG 15

RESULT 937
US-08-363-240A-58/c
; Sequence 58, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 58:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-240A-58

Query Match 0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 648 GGAGGTGAATGGCAG 662
Db 15 GGAGGTGAATGGCAG 1

```

RESULT 938  
US-08-363-240A-575/c  
; Sequence 575, Application US/08363240A  
; Patent No. 5705388  
; GENERAL INFORMATION:  
; APPLICANT: Couture, Larry  
; APPLICANT: McSwiggen, James  
; APPLICANT: Bisgaier, Charles  
; APPLICANT: Page, Michael  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
; TITLE OF INVENTION: OF VASCULAR DISEASES  
; NUMBER OF SEQUENCES: 1243  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; FILING DATE: December 23, 1994  
; APPLICATION NUMBER: 32,327  
; FILING DATE: December 23, 1994  
; APPLICATION NUMBER: 210/096  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 575:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-363-240A-575

Query Match 0.4%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 648 GGAGGTGAATGGCAG 662  
DB 15 GGAGGTCAATGGCAG 1

RESULT 939  
US-08-311-486C-174/c  
; Sequence 174, Application US/08311486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisich  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: TNF-  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311,486C  
; FILING DATE: September 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/166  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 174:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-311-486C-174  
Query Match 0.4%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1206 CCTTGGGGAGGGCTG 1220  
DB 15 CCATGGGGAGGGCTG 1  
RESULT 940  
US-08-151-477A-52  
; Sequence 52, Application US/08151477A  
; Patent No. 5830644  
; GENERAL INFORMATION:  
; APPLICANT: Michael D. West  
; APPLICANT: Jerry W. Shay  
; APPLICANT: Woodring E. Wright  
; APPLICANT: Elizabeth Blackburn  
; APPLICANT: Nam Woo Kim  
; APPLICANT: Calvin B. Harley  
; APPLICANT: Scott L. Weinrich  
; APPLICANT: Catherine Strahl  
; APPLICANT: Michael J. McEachern  
; APPLICANT: Homayoun Vaziri  
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
; TITLE OF INVENTION: CONDITIONS RELATED TO TELEOMERE  
; TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY  
; NUMBER OF SEQUENCES: 58  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/151,477A  
FILING DATE: No. 5830844ember 12, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/038,766  
FILING DATE: March 24, 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 202/189  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-151-477A-52

Query Match 0.4%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTCTGTGTGTGTG 2327  
DB 1 TGGTGTGTGTGTGTG 15

RESULT 941  
US-08-819-867-79  
Sequence 79, Application US/08819867  
Patent No. 6007989  
GENERAL INFORMATION:  
APPLICANT: Michael D. West  
APPLICANT: Calvin B. Harley  
APPLICANT: Scott L. Weinrich  
APPLICANT: Catherine M. Strahl  
APPLICANT: Michael J. Meeachern  
APPLICANT: Jerry Shay  
APPLICANT: Woodring E. Wright  
APPLICANT: Elizabeth H. Blackburn  
APPLICANT: Nam Woo Kim  
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF  
TITLE OF INVENTION: CONDITIONS RELATED TO  
TITLE OF INVENTION: TELOMERE LENGTH AND/OR  
TITLE OF INVENTION: TELOMERASE ACTIVITY  
NUMBER OF SEQUENCES: 80  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/819,867  
FILING DATE: March 14, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/153,051  
FILING DATE: No. 6007989ember 12, 1993  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Chambers, Daniel M.  
REGISTRATION NUMBER: 34,561  
REFERENCE/DOCKET NUMBER: 224/232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-819-867-79

Query Match 0.4%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 93.3%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTCTGTGTGTGTG 2327  
DB 1 TGGTGTGTGTGTGTG 15

RESULT 942  
US-08-584-040-8461  
Sequence 8461, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:



```

; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 8461:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-8461

Query Match          0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1610 AGTGCATCCACAGG 1624
Db 1 AGUGUAUCCACAGG 15

RESULT 943
US-08-464-011B-51
; Sequence 51, Application US/08464011B
; Patent No. 6368789
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Jerry W. Shay
; Woodring E. Wright
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
; RELATED TO TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/464,011B
; FILING DATE: 05-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,438
; FILING DATE: May 13, 1992
; APPLICATION NUMBER: 08/038,766
; FILING DATE: March 24, 1993
; APPLICATION NUMBER: 08/060,952
; FILING DATE: May 13, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 202/045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-464-011B-51

; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-464-011B-51

Query Match          0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TCGTCTGTGTGTGTG 2327
Db 1 TGGTGTGTGTGTGTG 15

RESULT 944
US-09-378-535-79
; Sequence 79, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 79:

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US-09-378-535-79

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Query Match          0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2313 TGGTCTGTGTGTGTG 2327
      ||||| ||||| |||||
Db 1 TGGTGTGTGTGTGTG 15

RESULT 945
US-09-371-772B-4116
; Sequence 4116, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4116
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4116

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Query Match          0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 6.4e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1610 AGTGCATCCACAGGG 1624
      ||:|:|:|:|:|:|
Db 1 AGUGAUCCACAGGG 15

```

```

RESULT 946
5194376-8/c
; Patent No. 5194376
; APPLICANT: KANG, C. YONG
; TITLE OF INVENTION: BACULOVIRUS EXPRESSION SYSTEM CAPABLE
; OF PRODUCING FOREIGN GENE PROTEINS AT HIGH LEVELS
; NUMBER OF SEQUENCES: 15
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/316,768
; FILING DATE: 28-FEB-1989
; SEQ ID NO: 8
; LENGTH: 15
5194376-8

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Query Match          0.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3652 TTGCTTGTCTGCAGG 3666
      ||||| ||||| |||||
Db 15 TTGCATGCCTGCAGG 1

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RESULT 947
US-07-977-284A-22
; Sequence 22, Application US/07977284A

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; Patent No. 5558988
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
; TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
; NUMBER OF SEQUENCES: 261
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,284A
; FILING DATE: 13-NOV-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: DeLuca, Mark..
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-0697
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
US-07-977-284A-22

Query Match          0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2977 AGGACCGGCTTTT 2991
      ||||| ||||| |||||
Db 1 ATGACCGGCTTTT 15

RESULT 948
US-08-256-426B-22
; Sequence 22, Application US/08256426B
; Patent No. 5948611
; GENERAL INFORMATION:
; APPLICANT: Prockop, Darwin J.
; APPLICANT: Ala-Kokko, Leena
; APPLICANT: Williams, Charlene J.
; APPLICANT: Ritvaniemi, Pertti
; APPLICANT: Baldwin, Clinton
; APPLICANT: Hopkinson, Ian
; APPLICANT: Ahmad, Nilofer Nina
; TITLE OF INVENTION: Methods of Detecting A Genetic
; NUMBER OF SEQUENCES: 293
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
; STREET: One Liberty Place - 46th Floor

```

```
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/256,426B
; FILING DATE: 03-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10964
; FILING DATE: 12-NOV-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/977,284
; FILING DATE: 13-NOV-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Mark DeLuca
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-1082
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; ANTI-SENSE: NO
; US-08-256-426B-22

Query Match 0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2977 AGGACCGAGGCTTTT 2991
DB 1 ATGACCGAGGCTTTT 15

RESULT 949
US-09-829-855-17/c
; Sequence 17, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 17
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
; US-09-829-855-17

Query Match 0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2447 GCTGCAGCACCAGG 2461
DB 1 GCTGCAGCACCAGG 15

RESULT 952
US-09-829-855-19/c
; Sequence 19, Application US/09829855
; Patent No. 6613520
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 19
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
; US-09-829-855-19

Query Match 0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2447 GCTGCAGCACCAGG 2461
DB 1 GCTGCAGCACCAGG 15

RESULT 951
US-09-479-005A-282
; Sequence 282, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBHB00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 282
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-479-005A-282

Query Match 0.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 53.3%; Pred. No. 7.1e+02;
Matches 8; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 2811 CTGTGTATATGGTAT 2825
DB 1 CUGGUAUUGGUU 15

RESULT 952
US-08-152-313-18/c
; Sequence 18, Application US/08152313
```

Patent No. 5561041  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
TITLE OF INVENTION: ANALYSIS OF SPUTUM  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/152,313  
FILING DATE: 12-NOV-1993  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell, Jr., Ph.D., John R.,  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: PD-2912  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..17  
US-08-152-313-18

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2296 ACAGTACACAGC 2310  
DB 15 ACAGTACACAGGC 1

RESULT 953  
US-08-222-616-1  
Sequence 1, Application US/08222616  
Patent No. 5635177  
GENERAL INFORMATION:  
APPLICANT: Bennett, Brian D.  
APPLICANT: Goeddel, David  
APPLICANT: Lee, James M.  
APPLICANT: Matthews, William  
APPLICANT: Teai, Siao Ping  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/222,616  
FILING DATE: 4-APR-1994  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/00586  
FILING DATE: 22-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/826935  
FILING DATE: 22-JAN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Lee, Wendy M.  
REGISTRATION NUMBER:  
REFERENCE/DOCKET NUMBER: 821P2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-1994  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-222-616-1

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1613 GCATCCACAGGACCT 1628  
DB 2 GCATCCACAGGACCT 17

RESULT 954  
US-08-373-124A-1058/c  
Sequence 1058, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994

ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:

QY 2296 ACAGCTACACAGAGC 2310

Db 15 ACAGCTACACAGGC 1

RESULT 957  
US-08-758-306-323  
; Sequence 323, Application US/08758306  
; Patent No. 5807743  
; GENERAL INFORMATION:  
; APPLICANT: McSwiggen, Dan T.  
; APPLICANT: Stinchcomb, James A.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES  
; TITLE OF INVENTION: ASSOCIATED WITH  
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
; NUMBER OF SEQUENCES: 1379  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/758,306  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TOPOLOGY: linear  
INFORMATION FOR SEQ ID NO: 323:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-758-306-323

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 7.7e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1203 GCCCTTGGGAGGG 1217  
Db 3 GGCCCUUGGGAGGG 17

RESULT 958  
US-08-435-628-1058/c  
; Sequence 1058, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TOPOLOGY: linear  
INFORMATION FOR SEQ ID NO: 1058:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-1058

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2833 TATATATATAAACA 2847  
Db 15 TATATATATAAACA 1

RESULT 959  
US-08-435-628-1691  
; Sequence 1691, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; ZIP: 90071

```

; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1691:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-1691

```

```

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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QY 2224 GGGTCCCTAGCAGCC 2238
DB 1 GGGUCCCUUGCAGCC 15

```

```

RESULT 960
US-08-292-620A-1715
; Sequence 1715, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

```

```

; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1715:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-292-620A-1715

```

```

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2670 ACCGCTCCACCT 2684
DB 2 ACCACUCCACCU 16

```

```

RESULT 961
US-08-292-620A-1824
; Sequence 1824, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1

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; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/292,620A  
 ; FILING DATE: August 17, 1994  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA: including application  
 ; PRIOR APPLICATION DATA: described below:  
 ; APPLICATION NUMBER: 08/008,895  
 ; FILING DATE: January 19, 1993  
 ; APPLICATION NUMBER: 07/989,849  
 ; FILING DATE: December 7, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 208/149  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 1824:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-292-620A-1824

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
 Best Local Similarity 66.7%; Pred. No. 7.7e+02;  
 Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTCAAGCT 1892  
 Db 3 GAAGCUCUCCAGGU 17

RESULT 962  
 US-08-292-620A-1862  
 ; Sequence 1862, Application US/08292620A  
 ; Patent No. 5837542  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Susan Grimm  
 ; APPLICANT: Dan T. Stinchcomb  
 ; APPLICANT: James McSwiggen  
 ; APPLICANT: Sean Sullivan  
 ; APPLICANT: Kenneth G. Draper  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS  
 ; TITLE OF INVENTION: RELATED TO LEVELS OF  
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION  
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 ; NUMBER OF SEQUENCES: 2390  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/292,620A  
 ; FILING DATE: August 17, 1994  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA: including application  
 ; PRIOR APPLICATION DATA: described below:  
 ; APPLICATION NUMBER: 08/008,895  
 ; FILING DATE: January 19, 1993  
 ; APPLICATION NUMBER: 07/989,849  
 ; FILING DATE: December 7, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327

two

; APPLICATION NUMBER: 08/008,895  
 ; FILING DATE: January 19, 1993  
 ; APPLICATION NUMBER: 07/989,849  
 ; FILING DATE: December 7, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327  
 ; REFERENCE/DOCKET NUMBER: 208/149  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (213) 489-1600  
 ; TELEFAX: (213) 955-0440  
 ; TELEX: 67-3510  
 ; INFORMATION FOR SEQ ID NO: 1862:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 17 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; US-08-292-620A-1862

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
 Best Local Similarity 66.7%; Pred. No. 7.7e+02;  
 Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1132 AATGTCCTCCGAGCTC 1146  
 Db 2 AAUGUCUCCGAGGUC 16

RESULT 963  
 US-08-292-620A-1918  
 ; Sequence 1918, Application US/08292620A  
 ; Patent No. 5837542  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Susan Grimm  
 ; APPLICANT: Dan T. Stinchcomb  
 ; APPLICANT: James McSwiggen  
 ; APPLICANT: Sean Sullivan  
 ; APPLICANT: Kenneth G. Draper  
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
 ; TITLE OF INVENTION: DISEASES OR CONDITIONS  
 ; TITLE OF INVENTION: RELATED TO LEVELS OF  
 ; TITLE OF INVENTION: INTRACELLULAR ADHESION  
 ; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
 ; NUMBER OF SEQUENCES: 2390  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Lyon & Lyon  
 ; STREET: 633 West Fifth Street  
 ; STREET: Suite 4700  
 ; CITY: Los Angeles  
 ; STATE: California  
 ; COUNTRY: U.S.A.  
 ; ZIP: 90071-2066  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 ; MEDIUM TYPE: storage  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0  
 ; SOFTWARE: Word Perfect 5.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/292,620A  
 ; FILING DATE: August 17, 1994  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA: including application  
 ; PRIOR APPLICATION DATA: described below:  
 ; APPLICATION NUMBER: 08/008,895  
 ; FILING DATE: January 19, 1993  
 ; APPLICATION NUMBER: 07/989,849  
 ; FILING DATE: December 7, 1992  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Warburg, Richard J.  
 ; REGISTRATION NUMBER: 32,327

two



```

, , REFERENCE/DOCKET NUMBER: 208/149
, ,
, , TELECOMMUNICATION INFORMATION:
, ,
, , TELEPHONE: (213) 489-1600
, ,
, , TELEFAX: (213) 955-0440
, ,
, , TELEX: 67-3510
, ,
, , INFORMATION FOR SEQ ID NO: 1918:
, ,
, , SEQUENCE CHARACTERISTICS:
, ,
, , LENGTH: 17 base pairs
, ,
, , TYPE: nucleic acid
, ,
, , STRANDEDNESS: single
, ,
, , TOPOLOGY: linear
, ,
US-08-292-620A-1918

```

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 7.7e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels

```

Qy      2670  ACCGCCCTCCCCACCT 2684
          ||| |||:|||||:
Db      2  ACCACCTUCCCCACCU 16

```

```

RESULT 964
US-08-292-620A-1952
; Sequence 1952, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT
; TITLE OF INVENTION: DISEASES OR CONDITIONS RELATED TO LEVEL
; TITLE OF INVENTION: RELATED TO LEVEL
; TITLE OF INVENTION: INTRACELLULAR AND
; TITLE OF INVENTION: MOLECULE-1 (1-CH
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
;

```

two

TELEX: 67-3310  
INFORMATION FOR SEQ ID NO: 1952:  
SEQUENCE CHARACTERISTICS:

```

; INFORMATION FOR SEQ ID NO:
;
; SEQUENCE CHARACTERISTICS:

```

### Query Match

Query Match

```

;      LENGTH: 17 base pairs
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
US-08-292-620A-1952

Query Match
Best Local Similarity 0.4%;
Matches 12; Conservative 2

QY      2670  ACCGCTCTCCGACCT 2684
Db      2      ACCACUCCCAACCU 16

```

RESULT 965  
US-08-292-620A-2007  
; Sequence 2007, Application US/08292620A  
; Patent No. 5837542

two

```

Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTCAAGCT 1892
Db 3 GAAGCUCUUAAGCU 17

RESULT 966
US-08-292-620A-2009
; Sequence 2009, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2009:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-2009

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.7e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTCAAGCT 1892
Db 3 GAAGCUCUUAAGCU 17

US-08-173-489C-96/c
; Sequence 96, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 bases
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: third strand derived from superoxide
; DESCRIPTION: dismutase sequence region in Seq ID No. 586124495
; HYPOTHETICAL: yes
; ANTI-SENSE: no
; PUBLICATION INFORMATION:
; RELEVANT RESIDUES IN SEQ ID NO: 96 :FROM 1 TO 17
US-08-173-489C-96

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2932 GGGGGGCGTGGAGGG 2946
Db 16 GGGGGGCGGGGAGGG 2

RESULT 968
US-08-985-090-20
; Sequence 20, Application US/08985090
; Patent No. 5885893
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl
; TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston

```

```
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,090
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jean M. Silveri
; REGISTRATION NUMBER: 39,030
; REFERENCE/DOCKET NUMBER: MNI-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-985-090-20

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3659 CCTGCAGGGCCCATGG 3673
Db 1 CCTGCAGGGCCCATGG 15

RESULT 969
US-09-071-845-1715
; Sequence 1715, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1715:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/165,543
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214

; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/165,543
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214

; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/165,543
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214

; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/165,543
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
```

US-09-071-845-1715

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 7.7e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2670 ACCGCTCCCACT 2684

Db 2 ACCACCCCACT 16

RESULT 971

US-09-071-845-1824

; Sequence 1824, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon &amp; Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1824:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-071-845-1824

Query Match

Best Local Similarity 80.0%; Score 13.4; DB 1; Length 17;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTTCAAGCT 1892

Db

3 GAAGCUCUCAAACCU 17

RESULT 972

US-09-071-845-1862

; Sequence 1862, Application US/09071845

; Patent No. 6132967

; GENERAL INFORMATION:

; APPLICANT: Susan Grimm

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth G. Draper

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: INTRACELLULAR ADHESION

; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

; NUMBER OF SEQUENCES: 2390

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon &amp; Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/071,845

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/292,620

; FILING DATE: August 17, 1994

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 208/149

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 1862:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 17 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-071-845-1862

Query Match

Best Local Similarity 66.7%; Score 13.4; DB 1; Length 17;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1132 AATGTCGAGCTC 1146

Db 2 AAGUCUCCGAGGUC 16

RESULT 973

US-09-071-845-1918

; Sequence 1918, Application US/09071845

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; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1918:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1918
;
; Query Match 0.4%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 80.0%; Pred. No. 7.7e+02;
; Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2670 ACCGCTCCCACT 2684
DB 2 ACCACUCCCACT 16

RESULT 974
US-09-071-845-1952
; Sequence 1952, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
```

```
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1952:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1952
;
; Query Match 0.4%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 80.0%; Pred. No. 7.7e+02;
; Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2670 ACCGCTCCCACT 2684
DB 2 ACCACUCCCACT 16

RESULT 975
US-09-071-845-2007
; Sequence 2007, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2007:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-2007

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 7.7e+02;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTTCAAGCT 1892  
Db 3 GAAGCUCUUAAGCU 17

RESULT 976  
US-09-071-845-2009  
Sequence 2009, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwigen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2009:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-2009

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 7.7e+02;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1878 GGAGCTCTTCAAGCT 1892  
Db 3 GAAGCUCUUAAGCU 17

RESULT 977  
US-08-446-648-1  
Sequence 1, Application US/08446648  
Patent No. 6331302

GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Bennett, Brian D.  
APPLICANT: Goeddel, David  
APPLICANT: Lee, James M.  
APPLICANT: Matthews, William  
APPLICANT: Tsai, Siao Ping  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/446,648  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: 08/222616
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0821P3PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-08-446-648-1

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1613 GCATCCACAGGACCT 1628
Db 2 GGATCCACAGGACCT 17

RESULT 978
US-08-584-040-4209
; Sequence 4209, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; INFORMATION FOR SEQ ID NO: 4209:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-446-648-1

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1613 GCATCCACAGGACCT 1628
Db 2 GGATCCACAGGACCT 17

RESULT 979
US-08-584-040-5561
; Sequence 5561, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; INFORMATION FOR SEQ ID NO: 5561:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-5561

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 622 CCCCATCCATGG 636
Db 3 AAGUGUUCACAGG 17

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4209

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
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Db      1  CACCACAUCGAGUGG 15

RESULT 980
US-08-584-040-7350/c
; Sequence 7350, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7350:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7350

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1031 TCAAGCGACAGGTGT 1045
Db      15 TCACGGCAGACGGTGT 1

RESULT 981
US-08-584-040-7396/c
; Sequence 7396, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7396:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7396

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3553 ATAGCCTTGACTGCT 3567
Db      17 ATAGCCTTGACTGCT 3

RESULT 982
US-09-809-713-3
; Sequence 3, Application US/09809713
; Patent No. 6428964
; GENERAL INFORMATION:
; APPLICANT: Shuber, Anthony
; TITLE OF INVENTION: Method For Alteration Detection
; FILE REFERENCE: EXT-047
; CURRENT APPLICATION NUMBER: US/09/809,713
; CURRENT FILING DATE: 2001-03-15
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: probe upstream of the 1450 point mutation region
; US-09-809-713-3

Query Match      0.4%; Score 13.4; DB 1; Length 17;

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Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 856 GAGGAGCTGGTGGAG 870  
Db 3 GAGGAGTGGTGGAG 17  
||||| |||||

RESULT 983  
US-09-370-644B-21  
; Sequence 21, Application US/09370644B  
; Patent No. 6433253  
; GENERAL INFORMATION:  
; APPLICANT: Kosmann et al.  
; TITLE OF INVENTION: DEBRANCHING ENZYMES AND DNA SEQUENCES CODING THEM,  
; TITLE OF INVENTION: SUITABLE FOR CHANGING THE DEGREE OF BRANCHING OF  
; TITLE OF INVENTION: AMYLOPECTIN STARCH IN PLANTS  
; FILE REFERENCE: 514413-3771  
; CURRENT APPLICATION NUMBER: US/09/370,644B  
; CURRENT FILING DATE: 1999-08-06  
; PRIOR APPLICATION NUMBER: 08/596,257  
; PRIOR FILING DATE: 1996-04-18  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 21  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Solanum tuberosum  
US-09-370-644B-21

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 7.7e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1748 TGAAGTGGATGGCGC 1762  
Db 3 UCAAGUGGAGGCGC 17  
: |||: |||: |||

RESULT 984  
US-09-474-432B-649  
; Sequence 649, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 649  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-649

Query Match 0.4%; Score 13.4; DB 1; Length 17;

Best Local Similarity 73.3%; Pred. No. 7.7e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1585 GGCATGGAGTACTTG 1599  
Db 1 GGCAUGGAGCACUUG 15  
||||| |||: |||

RESULT 985  
US-09-474-432B-736  
; Sequence 736, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot  
; FILE REFERENCE: MHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 736  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-736

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 7.7e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 858 GGAGCTGGTGGAGCC 872  
Db 2 GGAGCUGGAGGAGCC 16  
||||| |||: |||

RESULT 986  
US-09-371-772B-1976  
; Sequence 1976, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MHB00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1976  
; LENGTH: 17

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; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1976

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGG 1623
Db 3 AAGUGAUCCACAGG 17

RESULT 987
US-09-371-772B-2451
; Sequence 2451, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 2451
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2451

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 622 CCCACATCCAGTGG 636
Db 1 CACCACAUCCAGUGG 15

RESULT 988
US-09-371-772B-3159/c
; Sequence 3159, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3159
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

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; ORGANISM: Mus sp.
US-09-371-772B-3159

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1031 TCAAGCGACAGGTGT 1045
Db 15 TCACGCGACAGGTGT 1

RESULT 989
US-09-371-772B-3204/c
; Sequence 3204, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 3204
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3204

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3553 ATAGCCTGACTGCT 3567
Db 17 ATAGCCTGACTGCT 3

RESULT 990
US-09-371-772B-6200/c
; Sequence 6200, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6200
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

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US-09-371-772B-6200
Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2997 CACCGAGTTTCTT 3011
DB 15 CACCACAGTTTCTT 1

RESULT 991
US-09-476-387-648
; Sequence 648, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 648
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-648

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1585 GCATGGAGTACTTG 1599
DB 1 GGCAUGGAGCACUUG 15

RESULT 992
US-09-476-387-735
; Sequence 735, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MEH800-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; PRIOR FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511

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; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 735
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-735

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 7.7e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 858 GGAGCTGTGGAGCC 872
DB 2 GGAGCTGTGGAGCC 16

RESULT 993
US-09-982-610-1
; Sequence 1, Application US/09982610
; Patent No. 6673343
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Bennett, Brian D.
; APPLICANT: Goeddel, David
; APPLICANT: Lee, James M.
; APPLICANT: Matthews, William
; APPLICANT: Teai, Siao Ping
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 45
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/982,610
; FILING DATE: 17-Oct-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/446,648
; FILING DATE: 1996-MAY-23
; APPLICATION NUMBER: 08/222616
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0821P3PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

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SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
US-09-982-610-1

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1613 GCATCCACAGGACCT 1628  
| | | | | | | | | | | | | | | | | |  
Db 2 GCATCCACAGGACCT 17

## RESULT 994

US-09-866-108A-1536  
; Sequence 1536, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aemica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1536  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1536

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GGGCTGGTGCCCTCG 27  
| | | | | | | | | | | | | | | | | |  
Db 3 GGGCTGGTGCCCTCG 17

## RESULT 995

US-09-866-108A-1537  
; Sequence 1537, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aemica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1537  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1537

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 13 GGGCTGGTGCCCTCG 27  
| | | | | | | | | | | | | | | | | |  
Db 2 GGGCTGGTGCCCTCG 16

## RESULT 996

US-09-866-108A-1538  
; Sequence 1538, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1538
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-1538

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      13 GGGCTGGTGCCTCG 27
Db      1 GGGCTGGTGCCTCG 15

RESULT 997
US-09-866-108A-2001/c
; Sequence 2001, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2001
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2004/c
; Sequence 2004, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2004
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2004
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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2001

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3195 CCCGAGCTGGAGGA 3209
Db      17 CCCGGGCTGGAGGA 3

RESULT 998
US-09-866-108A-2004/c
; Sequence 2004, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2004
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2004

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1488 GCCCGGGGCTGGA 1502
Db      17 GCCCGGGGCTGGA 3

RESULT 999
US-09-866-108A-2007/c
; Sequence 2007, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
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; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2007

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1487 GGCCCCCGGCGCTGG 1501
Db 15 GGCCCCCGGCGCTGG 1

RESULT 1000
US-09-866-108A-2777
; Sequence 2777, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2007

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1487 GGCCCCCGGCGCTGG 1501
Db 15 GGCCCCCGGCGCTGG 1

RESULT 1000
US-09-866-108A-2777
; Sequence 2777, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2777

Query Match 0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1989 GGCCACCTTCAGCA 2003
Db 2 GGCCACCTTCAGCA 16

RESULT 1001
US-09-866-108A-2779
; Sequence 2779, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2779
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; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2779

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1991 CCACCTTCAAGCAGC 2005
Db 2 CCACCTTCAAGCACC 16

RESULT 1002
US-09-866-108A-2780
; Sequence 2780, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2780
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2780

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1991 CCACCTTCAAGCAGC 2005
Db 1 CCACCTTCAAGCACC 15

RESULT 1003
US-09-866-108A-6253/c
; Sequence 6253, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2780
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2780

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1991 CCACCTTCAAGCAGC 2005
Db 1 CCACCTTCAAGCACC 15

RESULT 1004
US-09-866-108A-6254/c
; Sequence 6254, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6253
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6253

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 CCGGGCCCTGGACTA 1505
Db 17 CCGGGCCCTGGATA 3

RESULT 1004
US-09-866-108A-6254/c
; Sequence 6254, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6253
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6253
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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6254
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6254

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1491 CCCGGGCGCTGGACTA 1505
Db 16 CCCGGGCGCTGGAAATA 2

RESULT 1005
US-09-866-108A-6255/C
; Sequence 6255, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7843
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7843

Query Match      0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1999 AAGCAGCTGGTGAG 2013
Db 2 AAGCAGCAGGTGGAG 16

RESULT 1007
US-09-866-108A-7844
; Sequence 7844, Application US/09866108A
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; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7844  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7844

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1999 AACGAGCTGGTGAG 2013  
Db 1 AACGAGCTGGTGAG 15

RESULT 1008  
US-09-866-108A-7994  
; Sequence 7994, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine

; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7994  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7994

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1992 CACCTTCAGCAGCT 2006  
Db 3 CACCATCAGCAGCT 17

RESULT 1009  
US-09-866-108A-9862/c  
; Sequence 9862, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine

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; Patent No. 6686188
; SEQ ID NO 9862
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9862

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 GCCGCCAACACCGTC 291
Db 16 GCCGCCAACACCGTC 2

RESULT 1010
US-09-866-108A-9863/c
; Sequence 9863, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9863
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9863

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 277 GCCGCCAACACCGTC 291
Db 15 GCCGCCAACACCGTC 1

RESULT 1011
US-09-404-912-564
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; Sequence 564, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 564
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-564

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGT 2332
Db 1 TGTGTGTGTGTGTGT 15

RESULT 1012
US-09-772-813A-6/c
; Sequence 6, Application US/09772813A
; Patent No. 6775622
; GENERAL INFORMATION:
; APPLICANT: Holloway, James L.
; TITLE OF INVENTION: A METHOD AND SYSTEM FOR DETECTING NEAR
; FILE REFERENCE: 99-61
; CURRENT APPLICATION NUMBER: US/09/772,813A
; CURRENT FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/179,309
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Illustrative nucleotide sequence
; NAME/KEY: misc feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: n = an unlimited number of any nucleotide
US-09-772-813A-6

Query Match          0.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
Db 16 GATGATGAAGATGAT 2

RESULT 1013
PCT-US94-12947A-18/c
; Sequence 18, Application PC/TUS9412947A
; GENERAL INFORMATION:
```

APPLICANT: The Johns Hopkins University School of Medicine  
TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION BY  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/12947A  
FILING DATE: 10-NOV-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Haile, Ph.D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-2912  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..17  
PCT-US94-12947A-18

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2296 ACAGTACACAGAGC 2310  
|||||  
Db 15 ACAGTACACAGGSC 1

RESULT 1014  
PCT-US95-04228-1  
Sequence 1, Application PC/TUS9504228  
GENERAL INFORMATION:  
APPLICANT: Genentech, Inc.  
APPLICANT: Bennett, Brian D.  
APPLICANT: Goeddel, David  
APPLICANT: Lee, James M.  
APPLICANT: Matthews, William  
APPLICANT: Tsai, Siao Ping  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/04228  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/222616  
FILING DATE: 04-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Wendy M. Lee  
REGISTRATION NUMBER: 00,000  
REFERENCE/DOCKET NUMBER: 821P3PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-1994  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US95-04228-1

Query Match 0.4%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 7.7e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1613 GCATCCACAGGACCT 1628  
|||||  
Db 2 GGATCCACAGNGACCT 17

RESULT 1015  
US-08-105-483-197/c  
Sequence 197, Application US/08105483  
Patent No. 5494807  
GENERAL INFORMATION:  
APPLICANT: Paoletti, Enzo  
TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE  
TITLE OF INVENTION: STRAIN  
NUMBER OF SEQUENCES: 462  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Curtis, Morris & Safford  
STREET: c/o William S. Frommer  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/105,483  
FILING DATE: 12-AUG-1993  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/847,951  
FILING DATE: 06-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2400  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 197:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

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;
; TOPOLOGY: linear
; US-08-105-483-197
;
; Query Match 0.4%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 8.3e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1356 GATGATGAAGATGAT 1370
; | | | | | | | | | |
; Db 17 GATGATGAAGACGAT 3
;
; RESULT 1016
; US-08-220-151-78/c
; Sequence 78, Application US/08220151
; Patent No. 5529780
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Limbach, Keith J.
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF
; TITLE OF INVENTION: CANINE HERPESVIRUS gB, gC AND gD AND USES THEREFOR
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/220,151
; FILING DATE: 30-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2540
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTMS
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-220-151-78
;
; Query Match 0.4%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 8.3e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1356 GATGATGAAGATGAT 1370
; | | | | | | | | | |
; Db 17 GATGATGAAGACGAT 3
;
; RESULT 1017
; US-08-349-696-9/c
; Sequence 9, Application US/08349696
; Patent No. 5599671
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A

```

```

;
; TITLE OF INVENTION: Human Adenosine Receptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: NJ
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh IIfx
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/349,696
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: us/08/005945
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meredith, Roy D.
; REGISTRATION NUMBER: 30,777
; REFERENCE/DOCKET NUMBER: 186991A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908)594-4678
; TELEFAX: (908)594-4720
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-349-696-9
;
; Query Match 0.4%; Score 13.4; DB 1; Length 18;
; Best Local Similarity 93.3%; Pred. No. 8.3e+02;
; Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1245 GGCCATCGGCATTGA 1259
; | | | | | | | | | |
; Db 15 GGCCATCGGCATTGA 1
;
; RESULT 1018
; US-08-233-009-9/c
; Sequence 9, Application US/08233009
; Patent No. 5646156
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: INHIBITION OF EOSINOPHIL
; TITLE OF INVENTION: ACTIVATION THROUGH A3 ADENOSINE RECEPTOR ANTAGONISM
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,009
; FILING DATE: 25-APR-1994
; CLASSIFICATION: 424

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; TITLE OF INVENTION: POXVIRUS - CANINE DISTEMPER VIRUS (CDV)
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE
; TITLE OF INVENTION: RECOMBINANTS
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford, P.C.
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/224,657
; FILING DATE: 06-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2550
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; TELEX: 425066 CURTWS
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; US-08-224-657-54

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
Db 17 GATGATGAAGACGAT 3

RESULT 1022
US-08-709-209-197/c
; Sequence 197, Application US/08709209
; Patent No. 5762938
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/709,209
; FILING DATE: 21-AUG-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 08/105,483
; FILING DATE: 12-AUG-1993
; APPLICATION NUMBER: US 07/847,951
; FILING DATE: 08-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2400
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-709-209-197

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
Db 17 GATGATGAAGACGAT 3

RESULT 1023
US-08-458-101-197/c
; Sequence 197, Application US/08458101
; Patent No. 5766599
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; APPLICANT: Perkus, Marion E.
; APPLICANT: Taylor, Jill
; APPLICANT: Tartaglia, James
; APPLICANT: No. 5766599ton, Elizabeth K.
; APPLICANT: Riviere, Michel
; APPLICANT: de Taisne, Charles
; APPLICANT: Limbach, Keith J.
; APPLICANT: Johnson, Gerard P.
; APPLICANT: Pincus, Steven E.
; APPLICANT: Cox, William I.
; APPLICANT: Audonnet, Jean-Christophe Francis
; APPLICANT: Gettig, Russell Robert
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 467
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESSEE: c/o William S. Frommer
; STREET: 530 Fifth Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,101
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Frommer, William S.
; REGISTRATION NUMBER: 25,506
; REFERENCE/DOCKET NUMBER: 454310-2740
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 840-3333
; TELEFAX: (212) 840-0712

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; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
US-08-458-101-197

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370
Db 17 GATGATGAAGACGAT 3

RESULT 1024
US-08-466-033-236
; Sequence 236, Application US/08466033
; Patent No. 5766840
; GENERAL INFORMATION:
; APPLICANT: Kim, Jungshuh P.
; APPLICANT: Wages, John
; APPLICANT: Young, LaVonne M.
; APPLICANT: Fry, Kirk E.
; APPLICANT: Linnen, Jeffrey M.
; TITLE OF INVENTION: Hepatitis G Virus and Molecular
;   Cloning Thereof
; NUMBER OF SEQUENCES: 277
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: 350 Cambridge Ave., Suite 250
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,033
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US 08/389,886
; FILING DATE: 15-FEB-1995
; APPLICATION NUMBER: US 08/357,509
; FILING DATE: 16-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,729
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/344,271
; FILING DATE: 23-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/285,558
; FILING DATE: 03-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/285,543
; FILING DATE: 03-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/246,985
; FILING DATE: 20-MAY-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Fabian, Gary R.
; REGISTRATION NUMBER: 33,875
; REFERENCE/DOCKET NUMBER: 4600-0201.36/G100P11
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880

; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: Primer GLI-R
US-08-466-033-236

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 949 GCTGTGACCGTCTGC 963
Db 3 GCTGTGACCGTCTCC 17

RESULT 1025
US-08-560-231-9/c
; Sequence 9, Application US/08560231
; Patent No. 5817760
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: Human Adenosine Receptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: NJ
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh Iici
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/560,231
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Meredith, Roy D.
; REGISTRATION NUMBER: 30,777
; REFERENCE/DOCKET NUMBER: 186991A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908)594-4678
; TELEFAX: (908)594-4720
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-560-231-9

Query Match          0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1245 GGCCATCGGCATTGA 1259
Db 15 GGCCATCGGCATTGA 1
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RESULT 1026  
 US-08-444-733-236  
 ; Sequence 236, Application US/08444733  
 ; Patent No. 5824507  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kim, Jungsuh P.  
 ; APPLICANT: Wages, John  
 ; APPLICANT: Young, LaVonne M.  
 ; APPLICANT: Fry, Kirk E.  
 ; APPLICANT: Linnen, Jeffrey M.  
 ; TITLE OF INVENTION: Hepatitis G Virus and Molecular  
 ; TITLE OF INVENTION: Cloning Thereof  
 ; NUMBER OF SEQUENCES: 277  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Dehlinger & Associates  
 ; STREET: 350 Cambridge Ave., Suite 250  
 ; CITY: Palo Alto  
 ; STATE: CA  
 ; COUNTRY: USA  
 ; ZIP: 94306  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/444,733  
 ; FILING DATE:  
 ; CLASSIFICATION: 435  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/389,886  
 ; FILING DATE: 15-FEB-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/357,509  
 ; FILING DATE: 16-DEC-1994  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/329,729  
 ; FILING DATE: 26-OCT-1994  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/344,271  
 ; FILING DATE: 23-NOV-1994  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/285,558  
 ; FILING DATE: 03-AUG-1994  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/285,543  
 ; FILING DATE: 03-AUG-1994  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: US 08/246,985  
 ; FILING DATE: 20-MAY-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Fabian, Gary R.  
 ; REGISTRATION NUMBER: 33,875  
 ; REFERENCE/DOCKET NUMBER: 4600-0201.36/G100P11  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (415) 324-0880  
 ; TELEFAX: (415) 324-0960  
 ; INFORMATION FOR SEQ ID NO: 236:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA  
 ; HYPOTHETICAL: NO  
 ; ANTI-SENSE: NO  
 ; ORIGINAL SOURCE:  
 ; INDIVIDUAL ISOLATE: Primer GLI-R  
 ; US-08-444-733-236

Query Match 0.4%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 949 GCTGTGACCGTCTGC 963  
 Db 3 GCTGTGACCGTCTCC 17  
 RESULT 1027  
 US-08-184-009-52/c  
 ; Sequence 52, Application US/08184009  
 ; Patent No. 5833975  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Paolletti, Enzo  
 ; APPLICANT: Tartaglia, James  
 ; APPLICANT: Cox, William I.  
 ; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY  
 ; NUMBER OF SEQUENCES: 217  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Curtis, Morris & Safford  
 ; STREET: 530 Fifth Avenue  
 ; CITY: New York  
 ; STATE: NY  
 ; COUNTRY: USA  
 ; ZIP: 10036  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.25  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/184,009  
 ; FILING DATE: 19-JAN-1994  
 ; CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Frommer, William S.  
 ; REGISTRATION NUMBER: 25,506  
 ; REFERENCE/DOCKET NUMBER: 454310-2530  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (212) 840-3333  
 ; TELEFAX: (212) 840-0712  
 ; TELEX: 425066CURTMS  
 ; INFORMATION FOR SEQ ID NO: 52:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: cDNA  
 ; US-08-184-009-52  
 Query Match 0.4%; Score 13.4; DB 1; Length 18;  
 Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
 QY 1356 GATGATGAAGATGAT 1370  
 Db 17 GATGATGAAGACGAT 3  
 RESULT 1028  
 US-08-464-134-236  
 ; Sequence 236, Application US/08464134  
 ; Patent No. 5849532  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kim, Jungsuh P.  
 ; APPLICANT: Wages, John  
 ; APPLICANT: Young, LaVonne M.  
 ; APPLICANT: Fry, Kirk E.  
 ; APPLICANT: Linnen, Jeffrey M.  
 ; TITLE OF INVENTION: Hepatitis G Virus and Molecular  
 ; TITLE OF INVENTION: Cloning Thereof  
 ; NUMBER OF SEQUENCES: 277



;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Dehlinger & Associates  
;; STREET: 350 Cambridge Ave., Suite 250  
;; CITY: Palo Alto  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 94306  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/464,134  
;; FILING DATE:  
;; CLASSIFICATION: 536  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/389,886  
;; FILING DATE: 15-FEB-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/357,509  
;; FILING DATE: 16-DEC-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/329,729  
;; FILING DATE: 26-OCT-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/344,271  
;; FILING DATE: 23-NOV-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/285,558  
;; FILING DATE: 03-AUG-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/285,543  
;; FILING DATE: 03-AUG-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/246,985  
;; FILING DATE: 20-MAY-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Fabian, Gary R.  
;; REGISTRATION NUMBER: 33,875  
;; REFERENCE/DOCKET NUMBER: 4600-0201.36/G100P11  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (415) 324-0880  
;; TELEFAX: (415) 324-0960  
;; INFORMATION FOR SEQ ID NO: 236:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; ORIGINAL SOURCE:  
;; INDIVIDUAL ISOLATE: Primer GLI-R  
;; US-08-464-134-236

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 GCTGTGACCGCTCTGC 963  
|||  
Db 3 GCTGTGACCGCTCTCC 17

## RESULT 1029

US-08-461-361-236  
; Sequence 236, Application US/08461361  
; Patent No. 5856134  
; GENERAL INFORMATION:  
; APPLICANT: Kim, Jungshuh P.  
; APPLICANT: Wages, John

;; APPLICANT: Young, LaVonne M.  
;; APPLICANT: Fry, Kirk E.  
;; APPLICANT: Linnen, Jeffrey M.  
;; TITLE OF INVENTION: Hepatitis G Virus and Molecular  
;; Cloning Thereof  
;; NUMBER OF SEQUENCES: 277  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Dehlinger & Associates  
;; STREET: 350 Cambridge Ave., Suite 250  
;; CITY: Palo Alto  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 94306  
;; COMPUTER READABLE FORM: disk  
;; MEDIUM TYPE: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/461,361  
;; FILING DATE:  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/389,886  
;; FILING DATE: 15-FEB-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/357,509  
;; FILING DATE: 16-DEC-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/329,729  
;; FILING DATE: 26-OCT-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/344,271  
;; FILING DATE: 23-NOV-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/285,558  
;; FILING DATE: 03-AUG-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/285,543  
;; FILING DATE: 03-AUG-1994  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/246,985  
;; FILING DATE: 20-MAY-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Fabian, Gary R.  
;; REGISTRATION NUMBER: 33,875  
;; REFERENCE/DOCKET NUMBER: 4600-0201.36/G100P11  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (415) 324-0880  
;; TELEFAX: (415) 324-0960  
;; INFORMATION FOR SEQ ID NO: 236:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; ORIGINAL SOURCE:  
;; INDIVIDUAL ISOLATE: Primer GLI-R  
;; US-08-461-361-236

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 949 GCTGTGACCGCTCTGC 963  
|||  
Db 3 GCTGTGACCGCTCTCC 17

## RESULT 1030

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US-08-417-210A-52/c
; Software: Patent In Release #1.0, Version #1.25
; Current Application Data:
; Application Number: US/08/485,910
; Filing Date:
; Classification: 435
; Prior Application Data:
; Application Number: US 08/389,886
; Filing Date: 15-FEB-1995
; Prior Application Data:
; Application Number: US 08/357,509
; Filing Date: 16-DEC-1994
; Prior Application Data:
; Application Number: US 08/329,729
; Filing Date: 26-OCT-1994
; Prior Application Data:
; Application Number: US 08/344,271
; Filing Date: 23-NOV-1994
; Prior Application Data:
; Application Number: US 08/285,558
; Filing Date: 03-AUG-1994
; Prior Application Data:
; Application Number: US 08/285,543
; Filing Date: 03-AUG-1994
; Prior Application Data:
; Application Number: US 08/246,985
; Filing Date: 20-MAY-1994
; Attorney/Agent Information:
; Name: Fabian, Gary R.
; Registration Number: 33,875
; Reference/Docket Number: 4600-0201.36/G100P11
; Telecommunication Information:
; Telephone: (415) 324-0880
; Telefax: (415) 324-0960
; Information For Seq ID No: 236:
; Sequence Characteristics:
; Length: 18 base pairs
; Type: nucleic acid
; Strandedness: single
; Topology: linear
; Molecule Type: DNA
; Hypothetical: NO
; Anti-Sense: NO
; Original Source:
; Individual Isolate: Primer GLI-R
; US-08-485-910-236

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e-02;
Matches 14; Conservative 0; Mismatches 1; Indels

QY 949 GCTGTGACCGTCTGC 963
Db 3 GCTGTGACCGTCTCC 17

RESULT 1032
US-08-458-356-52/c
; Sequence 52, Application US/08458356
; Patent No. 5942235
; General Information:
; Applicant: Paoletti, Enzo
; Applicant: Tartaglia, James
; Applicant: Cox, William I.
; Title Of Invention: RECOMBINANT VIRUS IMMUNOTHERAPY
; Number Of Sequences: 217
; Correspondence Address:
; Addressee: Curtis, Morris & Safford
; Street: 530 Fifth Avenue
; City: New York
; State: NY
; Country: USA
; Zip: 10036
; Computer Readable Form:

US-08-417-210A-52/c
; Software: Patent In Release #1.0, Version #1.25
; Current Application Data:
; Application Number: US/08417210A
; Filing Date:
; Classification: 435
; Prior Application Data:
; Application Number: US 08/389,886
; Filing Date: 15-FEB-1995
; Prior Application Data:
; Application Number: US 08/357,509
; Filing Date: 16-DEC-1994
; Prior Application Data:
; Application Number: US 08/329,729
; Filing Date: 26-OCT-1994
; Prior Application Data:
; Application Number: US 08/344,271
; Filing Date: 23-NOV-1994
; Prior Application Data:
; Application Number: US 08/285,558
; Filing Date: 03-AUG-1994
; Prior Application Data:
; Application Number: US 08/285,543
; Filing Date: 03-AUG-1994
; Prior Application Data:
; Application Number: US 08/246,985
; Filing Date: 20-MAY-1994
; Attorney/Agent Information:
; Name: Kowalski, Thomas J.
; Registration Number: 32,147
; Reference/Docket Number: 454310-2690
; Telecommunication Information:
; Telephone: 212-840-3333
; Information For Seq ID No: 52:
; Sequence Characteristics:
; Length: 18 base pairs
; Type: nucleic acid
; Strandedness: single
; Topology: linear
; Molecule Type: DNA (genomic)
; US-08-417-210A-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAGATGAT 1370
Db 17 GATGATGAGACGAT 3

RESULT 1031
US-08-485-910-236
; Sequence 236, Application US/08485910
; Patent No. 5874563
; General Information:
; Applicant: Kim, Jungshuh P.
; Applicant: Wages, John
; Applicant: Young, Lavonne M.
; Applicant: Fry, Kirk E.
; Applicant: Linnen, Jeffrey M.
; Title Of Invention: Hepatitis G Virus and Molecular
; Cloning Thereof
; Number Of Sequences: 277
; Correspondence Address:
; Addressee: Dehlinger & Associates
; Street: 350 Cambridge Ave., Suite 250
; City: Palo Alto
; State: CA
; Country: USA
; Zip: 94306
; Computer Readable Form:

US-08-417-210A-52/c
; Software: Patent In Release #1.0, Version #1.25
; Current Application Data:
; Application Number: US/08417210A
; Filing Date:
; Classification: 435
; Prior Application Data:
; Application Number: US 08/389,886
; Filing Date: 15-FEB-1995
; Prior Application Data:
; Application Number: US 08/357,509
; Filing Date: 16-DEC-1994
; Prior Application Data:
; Application Number: US 08/329,729
; Filing Date: 26-OCT-1994
; Prior Application Data:
; Application Number: US 08/344,271
; Filing Date: 23-NOV-1994
; Prior Application Data:
; Application Number: US 08/285,558
; Filing Date: 03-AUG-1994
; Prior Application Data:
; Application Number: US 08/285,543
; Filing Date: 03-AUG-1994
; Prior Application Data:
; Application Number: US 08/246,985
; Filing Date: 20-MAY-1994
; Attorney/Agent Information:
; Name: Kowalski, Thomas J.
; Registration Number: 32,147
; Reference/Docket Number: 454310-2690
; Telecommunication Information:
; Telephone: 212-840-3333
; Information For Seq ID No: 52:
; Sequence Characteristics:
; Length: 18 base pairs
; Type: nucleic acid
; Strandedness: single
; Topology: linear
; Molecule Type: DNA (genomic)
; US-08-417-210A-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e-02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAGATGAT 1370
Db 17 GATGATGAGACGAT 3

RESULT 1031
US-08-485-910-236
; Sequence 236, Application US/08485910
; Patent No. 5874563
; General Information:
; Applicant: Kim, Jungshuh P.
; Applicant: Wages, John
; Applicant: Young, Lavonne M.
; Applicant: Fry, Kirk E.
; Applicant: Linnen, Jeffrey M.
; Title Of Invention: Hepatitis G Virus and Molecular
; Cloning Thereof
; Number Of Sequences: 277
; Correspondence Address:
; Addressee: Dehlinger & Associates
; Street: 350 Cambridge Ave., Suite 250
; City: Palo Alto
; State: CA
; Country: USA
; Zip: 94306
; Computer Readable Form:

```

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICANT: US/08/458,356  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/184,009  
FILING DATE: 19-JAN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2530  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
TELEX: 425066CURTMS  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-458-356-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1356 GATGATGAAGATGAT 1370  
Db 17 GATGATGACGACGAT 3

## RESULT 1033

US-09-161-015-12/c  
Sequence 12, Application US/09161015A  
Patent No. 5965370

## GENERAL INFORMATION:

APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF RHO G EXPRESSION  
FILE REFERENCE: RTS-0015  
CURRENT APPLICATION NUMBER: US/09/161,015A  
CURRENT FILING DATE: 1998-09-25  
NUMBER OF SEQ ID NOS: 47

SEQ ID NO 12

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-161-015-12

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1926 CAACTGCACACGCA 1940  
Db 18 CAACTGCACCCACGA 4

## RESULT 1034

US-08-442-809A-56

Sequence 56, Application US/08442809A  
Patent No. 5976873

## GENERAL INFORMATION:

APPLICANT: Bohinski, Robert J.,  
APPLICANT: Whitsett, Jeffrey A.  
TITLE OF INVENTION: Nucleic Acid Sequences

TITLE OF INVENTION: Controlling Lung Cell -  
TITLE OF INVENTION: Specific Gene Expression  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
ADDRESSEE: Cecchi, Stewart & Olstein  
STREET: 6 Becker Farm Road  
CITY: Roseland  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07068  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/442,809A  
FILING DATE: 17-MAY-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,356  
FILING DATE: 18-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Olstein, Elliot M.  
REGISTRATION NUMBER: 24,025  
REFERENCE/DOCKET NUMBER: 271010-360  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-442-809A-56

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 638 TCAAGCACGTGGAGG 652  
Db 2 TCAAGCACCTGGAGG 16

## RESULT 1035

US-08-442-809A-58/c

Sequence 58, Application US/08442809A  
Patent No. 5976873

## GENERAL INFORMATION:

APPLICANT: Bohinski, Robert J.,  
APPLICANT: Whitsett, Jeffrey A.  
TITLE OF INVENTION: Nucleic Acid Sequences  
TITLE OF INVENTION: Controlling Lung Cell -  
TITLE OF INVENTION: Specific Gene Expression  
NUMBER OF SEQUENCES: 76

CORRESPONDENCE ADDRESS:

ADDRESSEE: Carella, Byrne, Bain, Gilfillan,  
ADDRESSEE: Cecchi, Stewart & Olstein  
STREET: 6 Becker Farm Road  
CITY: Roseland  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07068

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch diskette

COMPUTER: IBM PS/2

OPERATING SYSTEM: MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/442,809A  
FILING DATE: 17-MAY-1995  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,356  
FILING DATE: 18-MAY-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Olstein, Elliot M.  
REGISTRATION NUMBER: 24,025  
REFERENCE/DOCKET NUMBER: 271010-360  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 58:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-442-809A-58

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 638 TCAAGCACGTGGAGG 652  
DB 17 TCAAGCACCTGGAGG 3

RESULT 1036  
US-09-205-860-74  
Sequence 74, Application US/09205860  
Patent No. 5981732  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION  
FILE REFERENCE: RTS-0031  
CURRENT APPLICATION NUMBER: US/09/205,860  
CURRENT FILING DATE: 1998-12-04  
NUMBER OF SEQ ID NOS: 87  
SEQ ID NO 74  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-860-74

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 2771 GTTATTCCGGAAC 2785  
DB 2 GTTGTTCGGAAC 16

RESULT 1037  
US-08-473-446-78/c  
Sequence 78, Application US/08473446  
Patent No. 6017542  
GENERAL INFORMATION:  
APPLICANT: PAOLETTI, ENZO  
APPLICANT: LIMBACH, KEITH J.  
TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID SEQUENCES OF  
CANINE HERPESVIRUS 9B, 9C, AND 9D AND USES THEREFOR  
NUMBER OF SEQUENCES: 128  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CURTIS, MORRIS & SAFFORD, P.C.  
STREET: 530 FIFTH AVENUE, 25TH FLOOR  
CITY: NEW YORK

STATE: NEW YORK  
COUNTRY: UNITED STATES OF AMERICA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,446  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/413,118  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: FROMMER, WILLIAM S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2670  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 78:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-473-446-78

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1356 GATGATGAAGATGAT 1370  
DB 17 GATGATGAAGACGAT 3

RESULT 1038  
US-09-031-897-10/c  
Sequence 10, Application US/09031897  
Patent No. 6027895  
GENERAL INFORMATION:  
APPLICANT: Lambowitz, Alan  
APPLICANT: Mohr, Georg  
APPLICANT: Zimmerly, Steven  
APPLICANT: Guo, Huatao  
TITLE OF INVENTION: Methods Cleaving DNA with Nucleotide  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Calfee, Halter & Griswold  
STREET: 800 Superior Avenue, Suite 1400  
CITY: Cleveland  
STATE: Ohio  
COUNTRY: US  
ZIP: 44114  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/031,897  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Docherty, Pamela A.  
REGISTRATION NUMBER: 40,591  
REFERENCE/DOCKET NUMBER: 24671/00105  
TELECOMMUNICATION INFORMATION:

; TELEPHONE: (216)622-8416  
; TELEFAX: (216)241 0816  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-09-031-897-10

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370  
DB 16 GATGATGATGATGAT 2

RESULT 1039  
US-09-289-466-11  
; Sequence 11, Application US/09289466A  
; Patent No. 6124272  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
; FILE REFERENCE: RFS-0060  
; CURRENT APPLICATION NUMBER: US/09/289,466A  
; CURRENT FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 86  
; SEQ ID NO 11  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-466-11

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 832 TGGCTGGTGGTGGTG 846  
DB 4 TGGCTGGTGGTGGTGGTG 18

RESULT 1040  
US-09-289-466-42/c  
; Sequence 42, Application US/09289466A  
; Patent No. 6124272  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
; FILE REFERENCE: RFS-0060  
; CURRENT APPLICATION NUMBER: US/09/289,466A  
; CURRENT FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 86  
; SEQ ID NO 42  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-466-42

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1614 CATCCACAGGACCT 1628  
DB 16 CATCCACAGGACCT 2

RESULT 1041  
US-09-080-704A-9/c  
; Sequence 9, Application US/09080704A  
; Patent No. 6166181  
; GENERAL INFORMATION:  
; APPLICANT: Jacobson, Marlene A  
; APPLICANT: Johnson, Robert G  
; APPLICANT: Luneau, Christopher J  
; APPLICANT: Salvatore, Christopher A  
; TITLE OF INVENTION: Human Adenosine Receptors  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Merck & Co., Inc.  
; STREET: P.O. Box 2000  
; CITY: Rahway  
; STATE: NJ  
; COUNTRY: United States  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC Compatible  
; OPERATING SYSTEM: Windows NT  
; SOFTWARE: Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/080,704A  
; FILING DATE: 18 May 1998  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Parr, Richard S.  
; REGISTRATION NUMBER: 32,586  
; REFERENCE/DOCKET NUMBER: 18699DB  
; TELEPHONE: (732)594-4958  
; TELEFAX: (732)594-4720  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-09-080-704A-9

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1245 GGCCATCGGCATTGA 1259  
DB 15 GGCCATCGGCATTGA 1

RESULT 1042  
US-08-416-544B-13  
; Sequence 13, Application US/08416544B  
; Patent No. 6187320  
; GENERAL INFORMATION:  
; APPLICANT: Bayer Aktiengesellschaft  
; TITLE OF INVENTION: EQUINE HERPESVIRUSES (EHV) WHICH CONTAIN  
; FOREIGN DNA, PROCESS FOR THE PREPARATION THEREOF AND THE USE  
; VACCINES  
; NUMBER OF SEQUENCES: 22  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bayer Corporation  
; STREET: 100 Bayer Road  
; CITY: Pittsburgh  
; STATE: Pennsylvania  
; COUNTRY: U.S.A.

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1245 GGCCATCGGCATTGA 1259  
DB 15 GGCCATCGGCATTGA 1

RESULT 1042  
US-08-416-544B-13  
; Sequence 13, Application US/08416544B  
; Patent No. 6187320  
; GENERAL INFORMATION:  
; APPLICANT: Bayer Aktiengesellschaft  
; TITLE OF INVENTION: EQUINE HERPESVIRUSES (EHV) WHICH CONTAIN  
; FOREIGN DNA, PROCESS FOR THE PREPARATION THEREOF AND THE USE  
; VACCINES  
; NUMBER OF SEQUENCES: 22  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bayer Corporation  
; STREET: 100 Bayer Road  
; CITY: Pittsburgh  
; STATE: Pennsylvania  
; COUNTRY: U.S.A.

ZIP: 15205-9741  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" diskette, 1.44 Mb storage  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS-DOS / Windows '95  
SOFTWARE: Word '97  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/416.544B  
FILING DATE: 03-Apr-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: P 41 10 962.7 (Germany)  
FILING DATE: April 5, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Godfried R. Akorli  
REGISTRATION NUMBER: 28.779  
REFERENCE/DOCKET NUMBER: Bayer 8297-KGB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (412) 777-2340  
TELEFAX: (412) 777-5449  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 Nucleotides  
TYPE: Nucleic Acid  
STRANDEDNESS: Double  
TOPOLOGY: Linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 13:  
US-08-416-544B-13

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3651 CTTCGCTGCTGCAG 3665  
|||||  
DB 4 CTTCGATGCTGCAG 18

RESULT 1043  
US-09-071-433-69/c  
Sequence 69, Application US/09071433A  
Patent No. 6197584  
GENERAL INFORMATION:  
APPLICANT: Bennett, C. Frank  
APPLICANT: Cowsett, Lex M  
TITLE OF INVENTION: Antisense Modulation of CD40 Expression  
FILE REFERENCE: RFS-0002  
CURRENT APPLICATION NUMBER: US/09/071,433A  
CURRENT FILING DATE: 1998-05-01  
NUMBER OF SEQ ID NOS: 91  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 69  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-071-433-69

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1719 CAAGAGACCAACCAA 1733  
|||||  
DB 17 CAAGAGCCCAACCAA 3

RESULT 1044  
US-08-460-736-52/c  
Sequence 52, Application US/08460736  
Patent No. 6265189  
GENERAL INFORMATION:

APPLICANT: Paoletti, Enzo  
APPLICANT: Tartaglia, James  
APPLICANT: Cox, William I.  
TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY  
NUMBER OF SEQUENCES: 217  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Curtis, Morris & Safford  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/460,736  
FILING DATE: 02-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/184,009  
FILING DATE: 19-JAN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2530  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
TELEX: 425066CURTWS  
INFORMATION FOR SEQ ID NO: 52:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
US-08-460-736-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370  
|||||  
DB 17 GATGATGAAGACGAT 3

RESULT 1045  
US-09-142-334-25/c  
Sequence 25, Application US/09142334  
Patent No. 6268485  
GENERAL INFORMATION:  
APPLICANT: Farries, Timothy C.  
APPLICANT: Harrison, Richard A.  
TITLE OF INVENTION: Down-Regulation Resistant C3 Convertase  
FILE REFERENCE: 4-30443/A/IMU/PCT  
CURRENT APPLICATION NUMBER: US/09/142,334  
CURRENT FILING DATE: 1999-04-15  
EARLIER APPLICATION NUMBER: PCT/GB97/00603  
EARLIER FILING DATE: 1997-03-04  
NUMBER OF SEQ ID NOS: 35  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 25  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: nucleotide  
OTHER INFORMATION: insertion  
US-09-142-334-25

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370  
|||||  
Db 16 GATGATGATGATGAT 2

RESULT 1046  
US-09-354-138-54/c  
; Sequence 54, Application US/09354138  
; Patent No. 6309647  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; APPLICANT: Tartaglia, James  
; APPLICANT: Taylor, Jill  
; APPLICANT: Gettig, Russell  
; TITLE OF INVENTION: FOXVIRUS - CANINE DISTEMPER VIRUS (CDV)  
; TITLE OF INVENTION: RECOMBINANTS AND COMPOSITIONS AND METHODS EMPLOYING THE  
; TITLE OF INVENTION: RECOMBINANTS  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford, P.C.  
; STREET: 530 Fifth Avenue, 25th Floor  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States of America  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/354,138  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/472,379  
; FILING DATE: 07-JUN-1995  
; APPLICATION NUMBER: US 08/416,646  
; FILING DATE: 05-APR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/224,657  
; FILING DATE: 16-APR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/073,962  
; FILING DATE: 08-JUN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/776,867  
; FILING DATE: 23-OCT-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/621,614  
; FILING DATE: 30-NOV-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/938,283  
; FILING DATE: 31-AUG-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/105,483  
; FILING DATE: 12-AUG-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/847,951  
; FILING DATE: 06-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/713,967  
; FILING DATE: 11-JUN-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07,666,056  
; FILING DATE: 07-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frommer, William S.

REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2860  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-09-354-138-54

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370  
|||||  
Db 17 GATGATGAAGATGAT 3

RESULT 1047  
US-08-584-040-8311/c  
; Sequence 8311, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwigen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 8311:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-8311

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1031 TCACGCGACAGGTGT 1045  
Db 16 TCACGCGACAGGTGT 2

RESULT 1048

US-09-167-109-129  
; Sequence 129, Application US/09167109  
; Patent No. 6399297  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: Cowsert, Lex M.  
; APPLICANT: Monia, Brett P.  
; APPLICANT: Xu, Xiaoxing S.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION  
; FILE REFERENCE: ISPH-0321  
; CURRENT APPLICATION NUMBER: US/09/167,109  
; CURRENT FILING DATE: 1998-10-06  
; NUMBER OF SEQ ID NOS: 228  
; SEQ ID NO 129  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-09-167-109-129

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2973 GCAGAGCAGCAGGCG 2987  
Db 2 GCAGAGCAGCAGGCG 16

RESULT 1049

US-09-387-341-155/c  
; Sequence 155, Application US/09387341  
; Patent No. 6410323  
; GENERAL INFORMATION:  
; APPLICANT: Roberts, M. Luisa  
; APPLICANT: Cowsert, Lex M.  
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene  
; FILE REFERENCE: ISPH-0404  
; CURRENT APPLICATION NUMBER: US/09/387,341  
; CURRENT FILING DATE: 1999-08-31  
; EARLIER APPLICATION NUMBER: 09/156,424  
; EARLIER FILING DATE: 1998-09-18  
; EARLIER APPLICATION NUMBER: 09/156,979  
; EARLIER FILING DATE: 1998-09-18  
; EARLIER APPLICATION NUMBER: 09/156,807  
; EARLIER FILING DATE: 1998-09-18  
; EARLIER APPLICATION NUMBER: 09/161,015  
; EARLIER FILING DATE: 1998-09-25  
; NUMBER OF SEQ ID NOS: 233  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 155  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-387-341-155

Query Match 0.4%; Score 13.4; DB 1; Length 18;

Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1926 CAACTGCACACGCA 1940  
Db 18 CAACTGCACACGCA 4

RESULT 1050

US-09-425-233-4/c  
; Sequence 4, Application US/09425233  
; Patent No. 6472200  
; GENERAL INFORMATION:  
; APPLICANT: EDUARDO MITRANI  
; TITLE OF INVENTION: A DEVICE AND METHOD FOR PERFORMING A  
; TITLE OF INVENTION: BIOLOGICAL MODIFICATION OF A FLUID  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina  
; STREET: 2001 Jefferson Davis Highway, Suite 207  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: United States of America  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk  
; COMPUTER: Twinhead\* Slimnote-890TX  
; OPERATING SYSTEM: MS DOS version 6.2,  
; OPERATING SYSTEM: Windows 98  
; SOFTWARE: Word for Windows version 6.0 converted to  
; SOFTWARE: an ASCII file  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/425,233  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Friedman, Mark M.  
; REGISTRATION NUMBER: 33,883  
; REFERENCE/DOCKET NUMBER: 325/68  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 972-3-5625553  
; TELEFAX: 972-3-5625554  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-425-233-4

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2817 ATATGGTATATATAC 2831  
Db 17 ATATGGTATATATAC 3

RESULT 1051

US-09-535-370-52/c  
; Sequence 52, Application US/09535370  
; Patent No. 6537594  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; TARTAGLIA, James  
; Cox, William I.  
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY  
; NUMBER OF SEQUENCES: 217





```

; ORGANISM: Mus sp.
US-09-371-772B-3969

Query Match      0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1031 TCACGGCAGAGGTCT 1045
DB 16 TCACGGCAGAGGTGT 2

RESULT 1055
US-09-136-159A-52/c
; Sequence 52, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
; APPLICANT: Virogenetics Corporation
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I
; TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
; FILE REFERENCE: 454310-2690.1
; CURRENT APPLICATION NUMBER: US/09/136,159A
; CURRENT FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: US 08/417,210
; PRIOR FILING DATE: 1995-04-05
; PRIOR APPLICATION NUMBER: US 08/223,842
; PRIOR FILING DATE: 1994-04-06
; PRIOR APPLICATION NUMBER: US 07/997,382
; PRIOR FILING DATE: 1992-06-11
; PRIOR APPLICATION NUMBER: US 07/715,921
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: US 08/105,483
; PRIOR FILING DATE: 1993-08-12
; PRIOR APPLICATION NUMBER: US 07/847,951
; PRIOR FILING DATE: 1992-03-06
; PRIOR APPLICATION NUMBER: US 07/713,967
; PRIOR FILING DATE: 1991-06-11
; PRIOR APPLICATION NUMBER: US 07/666,056
; PRIOR FILING DATE: 1991-03-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide referred to as F75PE
US-09-136-159A-52

Query Match      0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
DB 17 GATGATGAAGACGAT 3

RESULT 1056
US-09-552-204A-14
; Sequence 14, Application US/09552204A
; Patent No. 6620909
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACR2P2
; FILE REFERENCE: 99-08
; CURRENT APPLICATION NUMBER: US/09/552,204A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,207
; PRIOR FILING DATE: 1999-04-20

; ORGANISM: Mus sp.
US-09-371-772B-3969

Query Match      0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1031 TCACGGCAGAGGTCT 1045
DB 16 TCACGGCAGAGGTGT 2

RESULT 1055
US-09-136-159A-52/c
; Sequence 52, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
; APPLICANT: Virogenetics Corporation
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I
; TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
; FILE REFERENCE: 454310-2690.1
; CURRENT APPLICATION NUMBER: US/09/136,159A
; CURRENT FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: US 08/417,210
; PRIOR FILING DATE: 1995-04-05
; PRIOR APPLICATION NUMBER: US 08/223,842
; PRIOR FILING DATE: 1994-04-06
; PRIOR APPLICATION NUMBER: US 07/997,382
; PRIOR FILING DATE: 1992-06-11
; PRIOR APPLICATION NUMBER: US 07/715,921
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: US 08/105,483
; PRIOR FILING DATE: 1993-08-12
; PRIOR APPLICATION NUMBER: US 07/847,951
; PRIOR FILING DATE: 1992-03-06
; PRIOR APPLICATION NUMBER: US 07/713,967
; PRIOR FILING DATE: 1991-06-11
; PRIOR APPLICATION NUMBER: US 07/666,056
; PRIOR FILING DATE: 1991-03-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide referred to as F75PE
US-09-136-159A-52

Query Match      0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
DB 17 GATGATGAAGACGAT 3

RESULT 1056
US-09-552-204A-14
; Sequence 14, Application US/09552204A
; Patent No. 6620909
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACR2P2
; FILE REFERENCE: 99-08
; CURRENT APPLICATION NUMBER: US/09/552,204A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,207
; PRIOR FILING DATE: 1999-04-20

; ORGANISM: Mus sp.
US-09-371-772B-3969

Query Match      0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1031 TCACGGCAGAGGTCT 1045
DB 16 TCACGGCAGAGGTGT 2

RESULT 1055
US-09-136-159A-52/c
; Sequence 52, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
; APPLICANT: Virogenetics Corporation
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I
; TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
; FILE REFERENCE: 454310-2690.1
; CURRENT APPLICATION NUMBER: US/09/136,159A
; CURRENT FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: US 08/417,210
; PRIOR FILING DATE: 1995-04-05
; PRIOR APPLICATION NUMBER: US 08/223,842
; PRIOR FILING DATE: 1994-04-06
; PRIOR APPLICATION NUMBER: US 07/997,382
; PRIOR FILING DATE: 1992-06-11
; PRIOR APPLICATION NUMBER: US 07/715,921
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: US 08/105,483
; PRIOR FILING DATE: 1993-08-12
; PRIOR APPLICATION NUMBER: US 07/847,951
; PRIOR FILING DATE: 1992-03-06
; PRIOR APPLICATION NUMBER: US 07/713,967
; PRIOR FILING DATE: 1991-06-11
; PRIOR APPLICATION NUMBER: US 07/666,056
; PRIOR FILING DATE: 1991-03-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide referred to as F75PE
US-09-136-159A-52

Query Match      0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
DB 17 GATGATGAAGACGAT 3

RESULT 1056
US-09-552-204A-14
; Sequence 14, Application US/09552204A
; Patent No. 6620909
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACR2P2
; FILE REFERENCE: 99-08
; CURRENT APPLICATION NUMBER: US/09/552,204A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,207
; PRIOR FILING DATE: 1999-04-20

; ORGANISM: Mus sp.
US-09-371-772B-3969

Query Match      0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1031 TCACGGCAGAGGTCT 1045
DB 16 TCACGGCAGAGGTGT 2

RESULT 1055
US-09-136-159A-52/c
; Sequence 52, Application US/09136159A
; Patent No. 6596279
; GENERAL INFORMATION:
; APPLICANT: Virogenetics Corporation
; APPLICANT: Paoletti, Enzo
; APPLICANT: Tartaglia, James
; APPLICANT: Cox, William I
; TITLE OF INVENTION: Immunodeficiency recombinant poxvirus
; FILE REFERENCE: 454310-2690.1
; CURRENT APPLICATION NUMBER: US/09/136,159A
; CURRENT FILING DATE: 1998-08-14
; PRIOR APPLICATION NUMBER: US 08/417,210
; PRIOR FILING DATE: 1995-04-05
; PRIOR APPLICATION NUMBER: US 08/223,842
; PRIOR FILING DATE: 1994-04-06
; PRIOR APPLICATION NUMBER: US 07/997,382
; PRIOR FILING DATE: 1992-06-11
; PRIOR APPLICATION NUMBER: US 07/715,921
; PRIOR FILING DATE: 1991-06-14
; PRIOR APPLICATION NUMBER: US 08/105,483
; PRIOR FILING DATE: 1993-08-12
; PRIOR APPLICATION NUMBER: US 07/847,951
; PRIOR FILING DATE: 1992-03-06
; PRIOR APPLICATION NUMBER: US 07/713,967
; PRIOR FILING DATE: 1991-06-11
; PRIOR APPLICATION NUMBER: US 07/666,056
; PRIOR FILING DATE: 1991-03-07
; NUMBER OF SEQ ID NOS: 149
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide referred to as F75PE
US-09-136-159A-52

Query Match      0.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370
DB 17 GATGATGAAGACGAT 3

RESULT 1056
US-09-552-204A-14
; Sequence 14, Application US/09552204A
; Patent No. 6620909
; GENERAL INFORMATION:
; APPLICANT: Piddington, Christopher S.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG ZACR2P2
; FILE REFERENCE: 99-08
; CURRENT APPLICATION NUMBER: US/09/552,204A
; CURRENT FILING DATE: 2000-04-19
; PRIOR APPLICATION NUMBER: 60/130,207
; PRIOR FILING DATE: 1999-04-20

; ORGANISM: Mus sp.
US-09-
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Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370  
|||||  
Db 16 GATGATGAAGATGAT 2

RESULT 1059  
US-09-663-667-52/c  
; Sequence 52, Application US/09663667  
; Patent No. 6780407  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; ; Tartaglia, James  
; ; Cox, William I.  
; TITLE OF INVENTION: RECOMBINANT VIRUS IMMUNOTHERAPY  
; NUMBER OF SEQUENCES: 217  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford  
; STREET: 530 Fifth Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/663,667  
; FILING DATE: 15-Sep-2000  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/184,009  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frommer, William S.  
; REGISTRATION NUMBER: 25,506  
; REFERENCE/DOCKET NUMBER: 454310-2530  
; TELEPHONE: (212) 840-3333  
; TELEFAX: (212) 840-0712  
; TELEX: 425066CURTMS  
; INFORMATION FOR SEQ ID NO: 52:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; SEQUENCE DESCRIPTION: SEQ ID NO: 52:  
US-09-663-667-52

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1356 GATGATGAAGATGAT 1370  
|||||  
Db 17 GATGATGAAGATGAT 3

RESULT 1060  
PCT-US95-00464-1  
; Sequence 1, Application PC/TUS9500464  
; GENERAL INFORMATION:  
; APPLICANT: Zepp, Charles M.  
; APPLICANT: Heefner, Donald L.  
; TITLE OF INVENTION: Inactivation of Viruses Present in

; TITLE OF INVENTION: Blood Components Using Chemically-Activated Compounds  
; NUMBER OF SEQUENCES: 1  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Kriegsmann & Kriegsmann  
; STREET: 883 Edgell Road  
; CITY: Framingham  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 01701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: MS-DOS 6.2  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/00464  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US08179437  
; FILING DATE: 10-JAN-1994  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kriegsmann, Edward M.  
; REGISTRATION NUMBER: 33,529  
; REFERENCE/DOCKET NUMBER: 80822PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (508) 877-8588  
; TELEFAX: (508) 877-3797  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; PCT-US95-00464-1

Query Match 0.4%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 8.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2597 CTCTCCACACCCAAA 2611  
|  
Db 1 CATCCACACCCAAA 15

RESULT 1061  
US-08-127-954-7/c  
; Sequence 7, Application US/08127954  
; Patent No. 5451512  
; GENERAL INFORMATION:  
; APPLICANT: Apple, Raymond J.  
; APPLICANT: Bugawan, Teodorica L.  
; APPLICANT: Erlich, Henry A.  
; TITLE OF INVENTION: Methods and Reagents for HLA Class I A  
; NUMBER OF SEQUENCES: 173  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hoffmann-La Roche Inc.  
; STREET: 340 Kingsland Street  
; CITY: Nutley  
; STATE: New Jersey  
; COUNTRY: U.S.A.  
; ZIP: 07110-1199  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/127,954  
; FILING DATE:  
; CLASSIFICATION: 436

ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 9873  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-127-954-7

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 327 CTCATCTCTGGCT 341  
DB 19 CTCATCTCTGGCT 5

RESULT 1062  
US-08-605-089-3  
Sequence 3, Application US/08605089  
Patent No. 5719026  
GENERAL INFORMATION:  
APPLICANT: Takafumi FUKUI  
APPLICANT: Kiyonori KATSURAGI  
APPLICANT: Moritoshi KINOSHITA  
APPLICANT: Sadahito SHIN  
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF  
TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/605,089  
FILING DATE: 06-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JPA-6-154571  
FILING DATE: 06-JUL-1994  
APPLICATION NUMBER: PCT/JP95/01352  
FILING DATE: 06-JUL-1995  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 BASES  
TYPE: NUCLEOTIDE  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: DNA  
US-08-605-089-3

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1188 GCTGACCCCTGGCAA 1202  
DB 5 GCTGACCCCTGGCAA 19

RESULT 1063  
US-08-748-591-21/c  
Sequence 21, Application US/08748591  
Patent No. 5759811  
GENERAL INFORMATION:  
APPLICANT: Epstein, Ervin  
APPLICANT: Hu, Zhilan  
APPLICANT: Bonifas, Jeanette  
TITLE OF INVENTION: Mutant Human Hedgehog Gene  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish and Richardson  
STREET: 2200 Sand Hill Road  
CITY: Menlo Park  
STATE: CA  
COUNTRY: USA  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/748,591  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Sherwood, Pamela J  
REGISTRATION NUMBER: 36,677  
REFERENCE/DOCKET NUMBER: 06510/067001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 322-5070  
TELEFAX: (415) 854-0875  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-748-591-21

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1887 CAAGCTGCTGAAGGA 1901  
DB 16 CAAGCTGCTGAAGGA 2

RESULT 1064  
US-08-850-993-19/c  
Sequence 19, Application US/08850993  
Patent No. 5955277  
GENERAL INFORMATION:  
APPLICANT: Hansen, Torben  
APPLICANT: Andersen, Carsten  
APPLICANT: Pedersen, Oluf B.  
TITLE OF INVENTION: Mutant cDNA Encoding The p85alpha  
TITLE OF INVENTION: Subunit Of Phosphatidylinositol 3-Kinase  
FILE REFERENCE: 4802.200-US  
CURRENT APPLICATION NUMBER: US/08/850,993  
CURRENT FILING DATE: 1997-05-05  
EARLIER APPLICATION NUMBER: 0539/96  
EARLIER FILING DATE: 1996-05-06  
NUMBER OF SEQ ID NOS: 25  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 19  
LENGTH: 19  
TYPE: DNA  
ORGANISM: human

US-08-850-993-19

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1353 GGAGATGATGAAGAT 1367  
| | | | | | | | | | | | | | | | | | | | |  
Db 15 GAAGATGATGAAGAT 1

RESULT 1065

US-09-025-769B-335/c  
; Sequence 335, Application US/09025769B  
; Patent No. 6300064

GENERAL INFORMATION:

; APPLICANT: Knappik, Achim  
; APPLICANT: Pack, Peter  
; APPLICANT: Ilag, Vic  
; APPLICANT: Ge, Liming  
; APPLICANT: Moroney, Simon  
; APPLICANT: Plueckthun, Andreas  
; TITLE OF INVENTION: Protein/(Poly)peptide libraries  
; NUMBER OF SEQUENCES: 373  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave  
; STREET: 1251 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10021

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/025,769B  
FILING DATE: 18-FEB-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 95 11 3021.0  
FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: James F. Haley, Jr., Esq.  
REGISTRATION NUMBER: 27,794  
REFERENCE/DOCKET NUMBER: MORPHO/5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212)596-9000  
TELEFAX: (212)596-9090

INFORMATION FOR SEQ ID NO:

335:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic oligonucleotide"

US-09-025-769B-335

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3002 CAGTTTGTGTTTAAA 3016  
| | | | | | | | | | | | | | | | | | | | |  
Db 18 CAGTTTGTGTTTAAA 4

RESULT 1066

US-09-144-367-49  
; Sequence 49, Application US/09144367  
; Patent No. 6432639  
; GENERAL INFORMATION:

; APPLICANT: Lichter, Jay  
; APPLICANT: Guido, Marco  
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4  
; FILE REFERENCE: SEQ-12P  
; CURRENT APPLICATION NUMBER: US/09/144,367  
; CURRENT FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: 60/058,612  
; PRIOR FILING DATE: 1997-09-10  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 49  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: H. sapiens  
US-09-144-367-49

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1144 CTCGAGCTGCCTGCC 1158  
| | | | | | | | | | | | | | | | | | | | |  
Db 3 CTCGAGCTGCCTGCC 17

RESULT 1067

US-09-490-070A-335/c  
; Sequence 335, Application US/09490070A  
; Patent No. 6696248

GENERAL INFORMATION:

; APPLICANT: Knappik, Achim  
; APPLICANT: Pack, Peter  
; APPLICANT: Ilag, Vic  
; APPLICANT: Ge, Liming  
; APPLICANT: Moroney, Simon  
; APPLICANT: Plueckthun, Andreas  
; TITLE OF INVENTION: Protein/(Poly)peptide libraries  
; NUMBER OF SEQUENCES: 373  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Colin G. Sandercock, Esq. c/o Heller Ehrman  
; STREET: 1666 K Street, N.W., Suite 300  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20006

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/490,070A  
FILING DATE: 24-Jan-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP 95 11 3021.0

FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: Colin G. Sandercock, Esq.  
REGISTRATION NUMBER: 31,298  
REFERENCE/DOCKET NUMBER: 37629-0005  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 912-2000  
TELEFAX: (202) 912-2020

INFORMATION FOR SEQ ID NO:

335:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic oligonucleotide"  
SEQUENCE DESCRIPTION: SEQ ID NO: 335:

US-09-490-070A-335

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3002 CAGTTTGTGTTTAA 3016  
Db 18 CAGTTTGTGTTTAA 4

RESULT 1068

US-09-490-153-335/c  
; Sequence 335, Application US/09490153  
; Patent No. 6706484

GENERAL INFORMATION:

APPLICANT: Knappik, Achim

PACK, Peter

ILAG, Vic

Ge, Liming

Moroney, Simon

Pluckthun, Andreas

TITLE OF INVENTION: Protein/(Poly)peptide libraries

NUMBER OF SEQUENCES: 373

CORRESPONDENCE ADDRESSES:

ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave

STREET: 1251 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10021

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/490,153

FILING DATE: 24-Jan-2000

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/025,769B

FILING DATE: 18-FEB-1998

APPLICATION NUMBER: EP 95 11 3021.0

FILING DATE: 18-AUG-1995

ATTORNEY/AGENT INFORMATION:

NAME: James F. Haley, Jr., Esq.

REGISTRATION NUMBER: 27,794

REFERENCE/DOCKET NUMBER: MORPHO/5

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212)596-9000

TELEFAX: (212)596-9090

INFORMATION FOR SEQ ID NO: 335:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "synthetic oligonucleotide"

SEQUENCE DESCRIPTION: SEQ ID NO: 335:

US-09-490-153-335  
Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3002 CAGTTTGTGTTTAA 3016  
Db 18 CAGTTTGTGTTTAA 4

RESULT 1069

US-09-696-791-325/c

; Sequence 325, Application US/09696791

; Patent No. 6770633

; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.

; APPLICANT: Tritz, Richard

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES

; FILE REFERENCE: 480124.407

; CURRENT APPLICATION NUMBER: US/09/696,791

; CURRENT FILING DATE: 2000-10-25

; NUMBER OF SEQ ID NOS: 4523

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 325

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: Cdk3 ribozyme binding site

US-09-696-791-325

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 334 TCCTGCTGAGAAC 348  
Db 18 TCCTGCTGAGAAC 4

RESULT 1070

US-09-696-791-3393

; Sequence 3393, Application US/09696791

; Patent No. 6770633

; GENERAL INFORMATION:

; APPLICANT: Robbins, Joan M.

; APPLICANT: Tritz, Richard

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

; TITLE OF INVENTION: SKIN AND EYE DISEASES

; FILE REFERENCE: 480124.407

; CURRENT APPLICATION NUMBER: US/09/696,791

; CURRENT FILING DATE: 2000-10-25

; NUMBER OF SEQ ID NOS: 4523

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 3393

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Homo sapiens

; FEATURE:

; OTHER INFORMATION: Cyclin B1 ribozyme binding site

US-09-696-791-3393

Query Match 0.4%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 8.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2554 CCTCTGCTTTCAC 2568  
Db 1 CCTCTGCTTTCAC 15

RESULT 1071

US-09-798-743-30

; Sequence 30, Application US/09798743

; Patent No. 6790831

; GENERAL INFORMATION:

; APPLICANT: Nezu, Jun-Ichi

; APPLICANT: Ose, Asuka

; TITLE OF INVENTION: SYSTEMIC CARNITINE DEFICIENCY GENE AND USES THEREOF

; FILE REFERENCE: 06501-073001

; CURRENT APPLICATION NUMBER: US/09/798,743

; CURRENT FILING DATE: 2001-03-02

; PRIOR APPLICATION NUMBER: PCT/JP99/04853

; PRIOR FILING DATE: 1999-09-07

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; PRIOR APPLICATION NUMBER: JP 10-252683
; PRIOR FILING DATE: 1998-09-07
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Sequence
US-09-798-743-30

Query Match      0.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 8.9e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 402-GCAGTGCAGCCTGGT 416
Db      ||||| ||||| ||||| ||||| |||||
        4 GCAGTGCAGCCTGGT 18

RESULT 1072
US-09-475-947A-134
; Sequence 134, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 24
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-134

Query Match      0.4%; Score 13.4; DB 1; Length 24;
Best Local Similarity 73.9%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3264 TTTATTGCTTTGCTCTTTTC 3286
Db      ||||| ||||| ||||| ||||| |||||
        2 TTTTTTTTTTTTTTTTTTTTC 24

RESULT 1073
US-08-910-632-5/c
; Sequence 5, Application US/08910632B
; Patent No. 6077668
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES
; FILE REFERENCE: 220.00010130
; CURRENT APPLICATION NUMBER: US/08/910,632B
; CURRENT FILING DATE: 1997-08-13
; EARLIER APPLICATION NUMBER: 08/805,631
; EARLIER FILING DATE: 1997-02-26
; EARLIER APPLICATION NUMBER: 08/393,439
; EARLIER FILING DATE: 1995-02-23
; EARLIER APPLICATION NUMBER: 08/047,860
; EARLIER FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: synthetic AS83 DNA nanocircle
US-08-910-632-5

Query Match      0.4%; Score 13.4; DB 1; Length 26;
Best Local Similarity 73.9%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3262 TATTATTGCTTTGCTCTTTT 3284
Db      ||||| ||||| ||||| ||||| |||||
        24 TTTTTTTTTGTTTTTTTTTT 2

RESULT 1074
US-08-805-631A-5/c
; Sequence 5, Application US/08805631A
; Patent No. 6096880
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF ROCHESTER
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
; TITLE OF INVENTION: DNA
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NO. 6096880th Fourth Street, Suite 201
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/805,631A
; FILING DATE: 26-FEB-97
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/393,439
; FILING DATE: 23-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/047,860
; FILING DATE: 15-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.
; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 220.00010140
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
US-08-805-631A-5

Query Match      0.4%; Score 13.4; DB 1; Length 26;
Best Local Similarity 73.9%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3262 TATTATTGCTTTGCTCTTTT 3284
Db      ||||| ||||| ||||| ||||| |||||
        24 TTTTTTTTTGTTTTTTTTTT 2

RESULT 1075
US-09-569-344-5/c
; Sequence 5, Application US/09569344
; Patent No. 6368802
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; FEATURE:
; OTHER INFORMATION: multimer
US-08-910-632-6

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Query Match 0.4%; Score 13.4; DB 1; Length 29;  
Best Local Similarity 73.9%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3262 TATTTATTTGCTTTGTCCTTTT 3284  
| | | | | | | | | | | | | |  
pB 7 TTTTCTTTTGTCTTTTCTTTTCTTTT 29

RESULT 1079  
US-08-805-631A-6  
; Sequence 6, Application US/08805631A  
; Patent No. 6096880  
; GENERAL INFORMATION:  
; APPLICANT: UNIVERSITY OF ROCHESTER  
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND  
; TITLE OF INVENTION: DNA  
; NUMBER OF SEQUENCES: 72  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.  
; STREET: 119 No. 6096880th Fourth Street, Suite 201  
; CITY: Minneapolis  
; STATE: Minnesota  
; COUNTRY: USA  
; ZIP: 55401

Query Match 0.4%; Score 13.4; DB 1; Length 29;  
Best Local Similarity 73.9%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY	3262	TATTTATTTGCTTTGTCCTTTT	3284
pb	7	TTTTTTTTTTTTTTGTTTTTTTTTTT	29

RESULT 1080  
US-09-569-344-6  
; Sequence 6, Application US/09569344  
; Patent No. 6368802

GENERAL INFORMATION:  
APPLICANT: UNIVERSITY OF ROCHESTER  
TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA  
NUMBER OF SEQUENCES: 72  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.  
STREET: 119 No. 6368802th Fourth Street, Suite 201  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/569,344  
FILING DATE: 11-May-2000  
CLASSIFICATION: <Unknown>

Query Match 0.4%; Score 13.4; DB 1; Length 29;  
Best Local Similarity 73.9%; Pred. No. 1.4e+03;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3262 TATTTATTTGCTTTTGCTTTT 3284  
| | | | | | | | | | | |  
pb 7 TTTTCTTTTCTTTTCTTTTCTTTT 29

```

RESULT 1081
US-09-750-401-18
; Sequence 18, Application US/09750401
; Patent No. 6635422
; GENERAL INFORMATION:
; APPLICANT: Keene, Jack D.
; APPLICANT: Carson, Craig C.
; APPLICANT: Tenenbaum, Scott A.
; TITLE OF INVENTION: Methods for isolating and characterizing endogenous mRNA-protein
; TITLE OF INVENTION: complexes
; FILE REFERENCE: RBN-001
; CURRENT APPLICATION NUMBER: US/09/750,401
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: US 60/173,338
; PRIOR FILING DATE: 1999-12-28
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 29

```

```

; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 42 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfdlrs
; US-08-222-177A-53

Query Match 0.4%; Score 13.4; DB 1; Length 42;
Best Local Similarity 59.0%; Pred. No. 1.5e+03;
Matches 23; Conservative 0; Mismatches 16; Indels

QY 607 TACAGTACGCACAGCCCATCCAGTGGCTCAGCAC 645
||||| ||||| ||||| ||||| |||||
DB 3 TACACACACACACACACACACACACACACACACAC 41

RESULT 1084
US-09-644-827B-10
; Sequence 10, Application US/09644827B
; Patent No. 6762283
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: SCHUCHMANN, Marcus
; APPLICANT: GONCHAROV, Tanya
; TITLE OF INVENTION: Caspase-8 Interacting Proteins
; FILE REFERENCE: WALLACH=26
; CURRENT APPLICATION NUMBER: US/09/644,827B
; CURRENT FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: 132105
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: 127721
; PRIOR FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 10
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
; US-09-644-827B-10

Query Match 0.3%; Score 13.2; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 7.5e+02;
Matches 12; Conservative 3; Mismatches 1; Indels

QY 2924 GGGCGGTGGGGCGCG 2939
||||| ||||| ||||| |||||
DB 1 GGGGGGGGGGGGSG 16

RESULT 1085
US-08-105-483-86/c
; Sequence 86, Application US/08105483
; Patent No. 5494807
; GENERAL INFORMATION:
; APPLICANT: Paoletti, Enzo
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE
; TITLE OF INVENTION: STRAIN
; NUMBER OF SEQUENCES: 462
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Curtis, Morris & Safford
; ADDRESS: c/o William S. Frommer

```

STREET: 530 Fifth Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/105,483  
FILING DATE: 12-AUG-1993  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/847,951  
FILING DATE: 06-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Frommer, William S.  
REGISTRATION NUMBER: 25,506  
REFERENCE/DOCKET NUMBER: 454310-2400  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 840-3333  
TELEFAX: (212) 840-0712  
INFORMATION FOR SEQ ID NO: 86:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-105-483-86

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 GGTGGGCTTCTCTGTT 932  
DB 18 GGCGGGGCTTCTTGT 1

RESULT 1086  
US-08-050-232-11  
Sequence 11, Application US/08050232  
Patent No. 5525492  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: Process for Amplifying Nucleic Acid  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marks & Murase  
STREET: 2001 L Street, N.W., Suite 750  
CITY: Washington  
STATE: D.C.  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordstar  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/050,232  
FILING DATE: 14-MAY-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9024005.2  
FILING DATE: 05-NOV-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: WO PCT/GB91/01935  
FILING DATE: 05-NOV-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Michael D. Bednarek  
REGISTRATION NUMBER: 32,329  
REFERENCE/DOCKET NUMBER: SH-PCT-2

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-955-4900  
TELEFAX: 202-955-4932  
TELEX: 248749  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-050-232-11

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3660 CTGCAGGCGCATGGCTCA 3677  
DB 1 CTGCAAGGCCAAGGCACA 18

RESULT 1087  
US-08-388-381-29  
Sequence 29, Application US/08388381  
Patent No. 5552283  
GENERAL INFORMATION:  
APPLICANT: Diamandis, Eleftherios  
APPLICANT: Dunn, James M.  
APPLICANT: Stevens, John K.  
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oppedahl & Larson  
STREET: 1992 Commerce Street, Suite 309  
CITY: Yorktown Heights  
STATE: NY  
COUNTRY: USA  
ZIP: 10598-4412  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS 5.0  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/388,381  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/271,946  
FILING DATE: 08-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Marina T. Larson  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN.P-003-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: no  
ANTI-SENSE: no  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE: human  
ORGANISM: human  
FEATURE:

NAME/KEY: sequencing primer for exon 5 of human p53 gene  
US-08-388-381-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1185 CCGGCTGACCTGGCAA 1202  
DB 1 CCTGGGACCTGGCAA 18

RESULT 1088

US-08-145-704-42/c  
Sequence 42, Application US/08145704

Patent No. 5567604

GENERAL INFORMATION:

APPLICANT: Rando, Robert F.

APPLICANT: Fennewald, Susan

APPLICANT: Zendequi, Joseph G.

APPLICANT: Joshua O. Ojwang

TITLE OF INVENTION: Anti-Viral Guanosine-Rich

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fulbright & Jaworski

STREET: 1301 McKinney, Suite 5100

CITY: Houston

STATE: Texas

COUNTRY: U.S.A.

ZIP: 77010-3095

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/145,704

FILING DATE: 28-OCT-1993

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/053,027

FILING DATE: 23-APR-1993

ATTORNEY/AGENT INFORMATION:

NAME: Paul, Thomas D.

REGISTRATION NUMBER: 32,714

REFERENCE/DOCKET NUMBER: D-5574-CIP

TELECOMMUNICATION INFORMATION:

TELEPHONE: 713/651-5151

TELEFAX: 713/651-5246

TELEX: 762829

INFORMATION FOR SEQ ID NO: 42:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: misc\_feature

LOCATION: 18

OTHER INFORMATION: /note= "Amine moiety attached to 3'

OTHER INFORMATION: end"

US-08-145-704-42

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGGGGGCGTGGGGGG 2937  
DB 18 GGGGGGGGGGGGGGGG 1

RESULT 1089

US-08-145-704-43/c

Sequence 43, Application US/08145704

Patent No. 5567604

GENERAL INFORMATION:

APPLICANT: Rando, Robert F.

APPLICANT: Fennewald, Susan

APPLICANT: Zendequi, Joseph G.

APPLICANT: Joshua O. Ojwang

TITLE OF INVENTION: Anti-Viral Guanosine-Rich

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fulbright & Jaworski

STREET: 1301 McKinney, Suite 5100

CITY: Houston

STATE: Texas

COUNTRY: U.S.A.

ZIP: 77010-3095

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/145,704

FILING DATE: 28-OCT-1993

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/053,027

FILING DATE: 23-APR-1993

ATTORNEY/AGENT INFORMATION:

NAME: Paul, Thomas D.

REGISTRATION NUMBER: 32,714

REFERENCE/DOCKET NUMBER: D-5574-CIP

TELECOMMUNICATION INFORMATION:

TELEPHONE: 713/651-5151

TELEFAX: 713/651-5246

TELEX: 762829

INFORMATION FOR SEQ ID NO: 43:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

FEATURE:

NAME/KEY: misc\_feature

LOCATION: 18

OTHER INFORMATION: /note= "Amine moiety attached to 3'

OTHER INFORMATION: end and phosphorothioate backbone"

US-08-145-704-43

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGGGGGCGTGGGGGG 2937  
DB 18 GGGGGGGGGGGGGGGG 1

RESULT 1090

US-08-349-696-11/c

Sequence 11, Application US/08349696

Patent No. 5599671

GENERAL INFORMATION:

APPLICANT: Jacobson, Marlene A

APPLICANT: Johnson, Robert G

APPLICANT: Luneau, Christopher J

APPLICANT: Salvatore, Christopher A

TITLE OF INVENTION: Human Adenosine Receptors

```

; NAME: Bencen, Gerard H
; REGISTRATION NUMBER: 35,746
; REFERENCE/DOCKET NUMBER: 19219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3901
; TELEFAX: (908) 594-4720
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-233-009-11

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1588 ATGGAGTACTGGCCTCC 1605
Db 18 ATGGAGTACATGCTCTAC 1

RESULT 1092
US-08-233-009-32/c
; Sequence 32, Application US/08233009
; Patent No. 5646156
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: INHIBITION OF EOSINOPHIL
; TITLE OF INVENTION: ACTIVATION THROUGH A3 ADENOSINE RECEPTOR ANTAGONISM
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O.Box 2000
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,009
; FILING DATE: 25-APR-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Bencen, Gerard H
; REGISTRATION NUMBER: 35,746
; REFERENCE/DOCKET NUMBER: 19219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3901
; TELEFAX: (908) 594-4720
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-233-009-32

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1588 ATGGAGTACTGGCCTCC 1605
Db 18 ATGGAGTACATGCTCTAC 1

RESULT 1091
US-08-233-009-11/c
; Sequence 11, Application US/08233009
; Patent No. 5646156
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: INHIBITION OF EOSINOPHIL
; TITLE OF INVENTION: ACTIVATION THROUGH A3 ADENOSINE RECEPTOR ANTAGONISM
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O.Box 2000
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,009
; FILING DATE: 25-APR-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:

```

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1595 ACTGGCTCCAGAGT 1612  
18 ACATGGCTCCAGGAGT 1

## RESULT 1093

US-08-233-009-41/c  
; Sequence 41, Application US/08233009  
; Patent No. 5646156  
; GENERAL INFORMATION:  
; APPLICANT: Jacobson, Marlene A  
; APPLICANT: Johnson, Robert G  
; APPLICANT: Salvatore, Christopher A  
; TITLE OF INVENTION: INHIBITION OF EOSINOPHIL  
; TITLE OF INVENTION: ACTIVATION THROUGH A3 ADENOSINE RECEPTOR ANTAGONISM  
; NUMBER OF SEQUENCES: 56  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Merck & Co., Inc.  
; STREET: P.O. Box 2000  
; CITY: Rahway  
; STATE: New Jersey  
; COUNTRY: United States  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/233,009  
; FILING DATE: 25-APR-1994  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bencen, Gerard H  
; REGISTRATION NUMBER: 35,746  
; REFERENCE/DOCKET NUMBER: 19219  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908) 594-3901  
; TELEFAX: (908) 594-4720  
; INFORMATION FOR SEQ ID NO: 41:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: both  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-233-009-41

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2034 CGTGAGTCCAGCAGCA 2051  
18 CGTGATGTACACCGAGA 1

## RESULT 1094

US-08-709-209-86/c  
; Sequence 86, Application US/08709209  
; Patent No. 5762938  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE  
; TITLE OF INVENTION: STRAIN  
; NUMBER OF SEQUENCES: 462  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford  
; ADDRESSSEE: c/o William S. Frommer

; STREET: 530 Fifth Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/709,209  
; FILING DATE: 21-AUG-1996  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/105,483  
; FILING DATE: 12-AUG-1993  
; APPLICATION NUMBER: US 07/847,951  
; FILING DATE: 06-MAR-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Frommer, William S.  
; REGISTRATION NUMBER: 25,506  
; REFERENCE/DOCKET NUMBER: 454310-2400  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 840-3333  
; TELEFAX: (212) 840-0712  
; INFORMATION FOR SEQ ID NO: 86:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-709-209-86

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 GGTGGGCTTCTTCCTGTT 932  
18 GGCGGGGTCTTCTTGT 1

## RESULT 1095

US-08-458-101-86/c  
; Sequence 86, Application US/08458101  
; Patent No. 5766599  
; GENERAL INFORMATION:  
; APPLICANT: Paoletti, Enzo  
; APPLICANT: Perkus, Marion E.  
; APPLICANT: Taylor, Jill  
; APPLICANT: Tartaglia, James  
; APPLICANT: No. 5766599ton, Elizabeth K.  
; APPLICANT: Riviere, Michel  
; APPLICANT: de Taisne, Charles  
; APPLICANT: Limbach, Keith J.  
; APPLICANT: Johnson, Gerard P.  
; APPLICANT: Pincus, Steven E.  
; APPLICANT: Cox, William I.  
; APPLICANT: Audonnet, Jean-Christophe Francis  
; APPLICANT: Gettig, Russell Robert  
; TITLE OF INVENTION: GENETICALLY ENGINEERED VACCINE  
; TITLE OF INVENTION: STRAIN  
; NUMBER OF SEQUENCES: 467  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Curtis, Morris & Safford  
; ADDRESSSEE: c/o William S. Frommer  
; STREET: 530 Fifth Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10036  
; COMPUTER READABLE FORM:

;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent In Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/458,101  
;; FILING DATE: 01-JUN-1995  
;; CLASSIFICATION: 424  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Frommer, William S.  
;; REGISTRATION NUMBER: 25,506  
;; REFERENCE/DOCKET NUMBER: 454310-2740  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (212) 840-3333  
;; TELEFAX: (212) 840-0712  
;; INFORMATION FOR SEQ ID NO: 86:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-08-458-101-86

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 915 GGTGGCTTCTTCTGTT 932  
DB 18 GCGGGGTTCTTCTGTT 1

## RESULT 1096

US-08-758-306-515  
; Sequence 515, Application US/08/58306  
; Patent No. 5807743  
; GENERAL INFORMATION:

;; APPLICANT: Stinchcomb, Dan T.  
;; APPLICANT: McSwiggen, James A.  
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
;; TITLE OF INVENTION: TREATMENT OF DISEASES  
;; TITLE OF INVENTION: ASSOCIATED WITH  
;; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
;; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
;; NUMBER OF SEQUENCES: 1379  
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq Version 1.5  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/758,306  
;; FILING DATE: December 3, 1996  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 212/132  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440

;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 515:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-08-758-306-515

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 72.2%; Pred. No. 8.8e+02;  
Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2702 CCACCTGCCCCCAG 2719  
DB 1 CCACUCUGCCCUCCAG 18

## RESULT 1097

US-08-758-306-547/c  
; Sequence 547, Application US/08/58306  
; Patent No. 5807743  
; GENERAL INFORMATION:

;; APPLICANT: Stinchcomb, Dan T.  
;; APPLICANT: McSwiggen, James A.  
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
;; TITLE OF INVENTION: TREATMENT OF DISEASES  
;; TITLE OF INVENTION: ASSOCIATED WITH  
;; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
;; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
;; NUMBER OF SEQUENCES: 1379  
;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq Version 1.5  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/758,306  
;; FILING DATE: December 3, 1996  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 212/132  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 547:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-08-758-306-547

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3211 CCCTCAAGCCTAAAG 3228

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Db      18 CCCTCCAGGCCGAAAG 1
      || ||||| ||| |||||
RESULT 1098
US-08-758-306-987/c
; Sequence 987, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 987:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-987
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3211 CCCTCCAGCCCTAAAG 3228
      || ||||| ||| |||||
Db      18 CCCTCCAGGCCGAAAG 1
      || ||||| ||| |||||
RESULT 1099
US-08-758-306-1351
; Sequence 1351, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 987:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-987
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2702 CCACCTGCGCCCTCAGAG 2719
      || ||||| ||| |||||
Db      1 CCUCCUGCCCUCCAG 18
      || ||||| ||| |||||
US-08-758-306-1351
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 72.2%; Pred. No. 8.8e+02;
Matches 13; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy      2702 CCACCTGCGCCCTCAGAG 2719
      || ||||| ||| |||||
Db      1 CCUCCUGCCCUCCAG 18
      || ||||| ||| |||||
US-08-311-486C-1074
; Sequence 1074, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
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;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: Word Perfect 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/311,486C  
;/ FILING DATE: September 23, 1994  
;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA: including application  
;/ PRIOR APPLICATION DATA: described below:  
;/ APPLICATION NUMBER: 08/008,895  
;/ FILING DATE: January 19, 1993  
;/ FILING DATE: December 7, 1992  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 209/166  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 1074:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 18 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-311-486C-1074

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 61.1%; Pred. No. 8.8e+02;  
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1883 TCTTCAAGCTGCTGAAGG 1900  
Db :||:|||||  
1 UCUUCCAGCUGGAGAAGG 18

RESULT 1101  
US-08-311-486C-1141  
; Sequence 1141, Application US/083111486C  
; Patent No. 5811300  
; GENERAL INFORMATION:  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth Draper  
; APPLICANT: Kevin Kisich  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; NUMBER OF SEQUENCES: 1157  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/311,486C  
; FILING DATE: September 23, 1994

;/ CLASSIFICATION: 435  
;/ PRIOR APPLICATION DATA: including application  
;/ PRIOR APPLICATION DATA: described below:  
;/ APPLICATION NUMBER: 08/008,895  
;/ FILING DATE: January 19, 1993  
;/ FILING DATE: December 7, 1992  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 209/166  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 1141:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 18 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-311-486C-1141

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 61.1%; Pred. No. 8.8e+02;  
Matches 11; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 1883 TCTTCAAGCTGCTGAAGG 1900  
Db :||:|||||  
1 UCUUCCAGCUGGAGAAGG 18

RESULT 1102  
US-08-560-231-11/C  
; Sequence 11, Application US/08560231  
; Patent No. 5817760  
; GENERAL INFORMATION:  
; APPLICANT: Jacobson, Marlene A  
; APPLICANT: Johnson, Robert G  
; APPLICANT: Luneau, Christopher J  
; APPLICANT: Salvatore, Christopher A  
; TITLE OF INVENTION: Human Adenosine Receptors  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Merck & Co., Inc.  
; STREET: P.O. Box 2000  
; CITY: Rahway  
; STATE: NJ  
; COUNTRY: United States  
; ZIP: 07065  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: Macintosh Iicx  
; OPERATING SYSTEM: Macintosh  
; SOFTWARE: Microsoft Word 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/560,231  
; FILING DATE:  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meredith, Roy D.  
; REGISTRATION NUMBER: 30,777  
; REFERENCE/DOCKET NUMBER: 186991A  
;/ TELEPHONE: (908)594-4678  
;/ TELEFAX: (908)594-4720  
;/ INFORMATION FOR SEQ ID NO: 11:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 18 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear

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; MOLECULE TYPE: cdna
US-08-560-231-11
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1588 ATGGAGTACTTGGCCTCC 1605
|||||
Db 18 ATGGAGTACATGGTCTAC 1

RESULT 1103
US-08-110-294A-47
; Sequence 47, Application US/08110294A
; Patent No. 5821234
; GENERAL INFORMATION:
; APPLICANT: Dzaou, Victor J
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Dr.
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/110,294A
; FILING DATE: 20-AUG-1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/063,980
; FILING DATE: 19-MAY-1993
; APPLICATION NUMBER: US 07/944,882
; FILING DATE: 10-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 93,510-B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-110-294A-47
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 656 ATGGCAGCAAGGTGGGCC 673
|||||
Db 1 ATGGCAGCAAGCTAGGCC 18

RESULT 1104
US-08-661-767-11
; Sequence 11, Application US/08661767
; Patent No. 5824515
; GENERAL INFORMATION:
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; APPLICATION NUMBER: US/08/389,926  
; FILING DATE: 16 FEB 1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/063,980  
; FILING DATE: 19-MAY-1993  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/944,882  
; FILING DATE: 10-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McDonnell, John J  
; REGISTRATION NUMBER: 26,949  
; REFERENCE/DOCKET NUMBER: 93,510-D  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312-715-1000  
; TELEFAX: 312-715-1234  
; INFORMATION FOR SEQ ID NO: 47:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
US-08-389-926--47

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 656 ATGCAGCAAGGTGGGCC 673  
Db 1 ATGCAGCAAGCTAGGCC 18

RESULT 1106  
US-08-358-556A-24/c  
; Sequence 24, Application US/08358556A  
; Patent No. 5869643  
; GENERAL INFORMATION:  
; APPLICANT: Chateilain, Francois  
; APPLICANT: Kumarev, Viktor  
; TITLE OF INVENTION: Process for Preparing Polynucleotides on  
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its  
; TITLE OF INVENTION: Implementation  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jacobson, Price, Holman & Stern  
; STREET: 400 Seventh St. N.W.  
; CITY: Washington D.C  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/358,556A  
; FILING DATE: 14-DEC-1994  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 9315164  
; FILING DATE: 16-DEC-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Player, William E.  
; REGISTRATION NUMBER: 31,409  
; REFERENCE/DOCKET NUMBER: 10577/P58418  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)638-6666  
; TELEFAX: (202) 393-5350  
; INFORMATION FOR SEQ ID NO: 24:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N-terminal  
; FEATURE:  
; NAME/KEY: CDS  
; LOCATION: 1..18  
US-08-358-556A-24

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2920 GGGCGGGGTGGGGGGG 2937  
Db 18 GGGCGGGGTGGGGGGG 1

RESULT 1107  
US-08-649-511A-9  
; Sequence 9, Application US/08649511A  
; Patent No. 5876932  
; GENERAL INFORMATION:  
; APPLICANT: Fischer, Achim  
; TITLE OF INVENTION: Method for Gene Expression Analysis  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Felfe & Lynch  
; STREET: 805 Third Avenue  
; CITY: New York  
; STATE: New York  
; COUNTRY: United States  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.0/ASCII standard  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/649,511A  
; FILING DATE: 17-MAY-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: DE 19518505.6  
; FILING DATE: 19-MAY-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Schofield, Mary Anne  
; REGISTRATION NUMBER: 36,669  
; REFERENCE/DOCKET NUMBER: HUBR 1085  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 688-9200  
; TELEFAX: (212) 838-3884  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-649-511A-9

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1359 GATGAAGATGATCGGAA 1376  
Db 1 GATCAAGAGATCGAGAA 18

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RESULT 1108
US-08-553-619B-24
; Sequence 24, Application US/08553619B
; Patent No. 5919705
; GENERAL INFORMATION:
; APPLICANT: Dehaan, Petrus T.
; TITLE OF INVENTION: Virus Resistant Plants
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5919705artis Crop Protection
; STREET: 975 California Avenue
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/553.619B
; FILING DATE: December 1, 1995
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Marcus-Wyner, Lynn
; REGISTRATION NUMBER: 34,869
; REFERENCE/DOCKET NUMBER: 137-1082/PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/354-3586
; TELEFAX: 415/857-1125
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: oligonucleotide
US-08-553-619B-24

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3662 GCAGGGCCATGGCTCAGG 3679
Db 1 GGAGAGCCATGGCTCGG 18

RESULT 1109
US-08-347-563A-29
; Sequence 29, Application US/08347563A
; Patent No. 5935810
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
; ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/347,563A
; FILING DATE: NO. 5935810ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB 1gP DNA primer generated from the 5 noncoding
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-347-563A-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2228 CCTAGCAGCCACCCTG 2245
Db 1 CCCAAGAAGCCCATCTG 18

RESULT 1110
US-09-213-767-9
; Sequence 9, Application US/09213767
; Patent No. 5948680
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
; FILE REFERENCE: RTS-0024
; CURRENT APPLICATION NUMBER: US/09/213,767
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-9

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1230 GGTGTCATGGCGGAGGC 1247
Db 1 GGTGTCATGGCGGAGGC 18

RESULT 1111
US-08-849-021-76/c
; Sequence 76, Application US/08849021
; Patent No. 5955276
; GENERAL INFORMATION:
; APPLICANT: MORGANTE, MICHELE
; APPLICANT: VOGEL, JULIE M.
; TITLE OF INVENTION: COMPOUND MICROSATELLITE
```

```

; TITLE OF INVENTION: PRIMERS FOR THE
; TITLE OF INVENTION: DETECTION OF GENETIC
; TITLE OF INVENTION: POLYMORPHISMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND
; ADDRESSEE: COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,021
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/346,456
; FILING DATE: 28 NOVEMBER 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FLOYD, LINDA AXAMETHY
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1064-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 302-892-8112
; TELEFAX: 302-992-7949
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-849-021-76

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGG 2335
Db 18 TGTGTGTGTGTGTGTGAGAG 1

RESULT 1112
US-08-466-860-51
; Sequence 51, Application US/08466860
; Patent No. 5985552
; GENERAL INFORMATION:
; APPLICANT: HOWELL, MARK D.
; APPLICANT: BROSTOFF, STEVEN W.
; APPLICANT: CARLO, DENNIS J.
; TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
; TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
; TITLE OF INVENTION: POPULATIONS
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL AND FLORES
; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/466,860
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/813,867
; FILING DATE: 24-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, CATHRYN
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IM 9107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-9001
; TELEFAX: 619-535-8949
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-466-860-51

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 GGTTCCTCTCATCTCTG 829
Db 1 GATTTCCTCTCATCTCTG 18

RESULT 1113
US-09-106-038A-85
; Sequence 85, Application US/09106038A
; Patent No. 6007995
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker and Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFRI
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Isis Pharmaceuticals, Inc.
; STREET: 2292 Faraday Avenue
; CITY: Carlsbad
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92008
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows NT
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,038A
; FILING DATE: June 26, 1998
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Laurel Spear Bernstein
; REGISTRATION NUMBER: 37,280
; REFERENCE/DOCKET NUMBER: RTS-0004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (760) 931-9200
; TELEFAX: (760) 603-3820
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-106-038A-85

Query Match 0.3%; Score 13.2; DB 1; Length 18;

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Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 196 GCTGAGGACACAGTGTC 213  
Db 1 GCAGAGGGCACAGGATG 18

RESULT 1114  
US-09-339-964-35/C  
; Sequence 35, Application US/09339964  
; Patent No. 6025198  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION  
; FILE REFERENCE: RTS-0065  
; CURRENT APPLICATION NUMBER: US/09/339,964  
; CURRENT FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 35  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-339-964-35

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2043 CACCGAGGAGTACTGGA 2060  
Db 18 CACGAGGAGACTTGA 1

RESULT 1115  
US-09-156-807-22  
; Sequence 22, Application US/09156807  
; Patent No. 6030786  
; GENERAL INFORMATION:  
; APPLICANT: Cowsett, Lex M.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF RhoC EXPRESSION  
; FILE REFERENCE: RTS-0014  
; CURRENT APPLICATION NUMBER: US/09/156,807  
; CURRENT FILING DATE: 1998-09-18  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 22  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-156-807-22

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2373 GCGTGCGCATCTTGCTC 2390  
Db 1 GTGTGCTCGTCTTGCTC 18

RESULT 1116  
US-08-485-942A-29  
; Sequence 29, Application US/08485942A  
; Patent No. 6048837  
; GENERAL INFORMATION:  
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, AND STEPHEN K. BURLE  
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE  
; TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS

; TITLE OF INVENTION: AMENDED)  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/485,942A  
; FILING DATE: JUNE 7, 1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: NO. 6048837ember 30, 1994  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/292,345  
; FILING DATE: August 17, 1994  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: HOB lgt DNA primer generated from the 5 noncoding  
; DESCRIPTION: sequence of the human ob gene  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-485-942A-29  
Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2228 CCTAGCAGCCACCCTG 2245  
Db 1 CCCAGAGCCCATCTG 18  
RESULT 1117  
US-08-765-626-29  
; Sequence 29, Application US/08765626  
; Patent No. 6071726  
; GENERAL INFORMATION:  
; APPLICANT: Visible Genetics Inc.  
; APPLICANT: Diamandis, Eleftherios  
; APPLICANT: Dunn, James M.  
; APPLICANT: Stevens, John K.  
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations  
; NUMBER OF SEQUENCES: 41  
; CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; OPERATING SYSTEM: IBM Compatible
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/765,626
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
; US-08-765-626-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1185 CCGGCTGACCCCTGGGCAA 1202
Db 1 CCTGGGACCTGGGCAA 18

RESULT 1118
US-09-143-212-19/c
; Sequence 19, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-19

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1230 GGTGGTCATGGCGGAGGC 1247
Db 18 GGTGGTCCTGTGGATGC 1

RESULT 1119
US-09-143-212-68/c
; Sequence 68, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-68

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2004 GCTGGTGAGGACCTGGA 2021
Db 18 GCTTTGGAGACCTGGA 1

RESULT 1120
US-09-163-162-25/c
; Sequence 25, Application US/09163162
; Patent No. 6077709
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric E.
; APPLICANT: Cowseert, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
; FILE REFERENCE: RTS-0008
; CURRENT APPLICATION NUMBER: US/09/163,162
; CURRENT FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-163-162-25

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3446 ATTAGATGTTACAAAGTTT 3463
Db 18 ATTAGATGTTCAACTGT 1

RESULT 1121
US-09-043-085-6/c
; Sequence 6, Application US/09043085
; Patent No. 6083685
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-19
```

```
;
; APPLICANT: Juraj Petrik
; TITLE OF INVENTION: SYSTEMATIC EXTRACTION, AMPLIFICATION AND
; TITLE OF INVENTION: DETECTION OF RETROVIRAL SEQUENCES, AND OLIGONUCLEOTIDES
; TITLE OF INVENTION: FOR USE THEREIN
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SALIWANCHIK, LLOYD & SALIWANCHIK
; STREET: 2421 NW 41st STREET, SUITE A-1
; CITY: GAINESVILLE
; STATE: FLORIDA
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/043,085
; FILING DATE: 6-MAR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB96/02196
; FILING DATE: 6-SEP-1996
; NAME: PACE, DORAN R.
; REGISTRATION/DOCKET NUMBER: 38,261
; REFERENCE/DOCKET NUMBER: GJE-20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
;
US-09-043-085-6
;
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1436 TGGTGGAGTACGGCGCA 1453
Db 18 TGGTGGAGATCGCGCA 1

RESULT 1122
US-09-043-085-30
; Sequence 30, Application US/09043085
; Patent No. 6083685
; GENERAL INFORMATION:
; APPLICANT: Juraj Petrik
; TITLE OF INVENTION: SYSTEMATIC EXTRACTION, AMPLIFICATION AND
; TITLE OF INVENTION: DETECTION OF RETROVIRAL SEQUENCES, AND OLIGONUCLEOTIDES
; TITLE OF INVENTION: FOR USE THEREIN
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SALIWANCHIK, LLOYD & SALIWANCHIK
; STREET: 2421 NW 41st STREET, SUITE A-1
; CITY: GAINESVILLE
; STATE: FLORIDA
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/043,085
; FILING DATE: 6-MAR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB96/02196
; FILING DATE: 6-SEP-1996
; NAME: PACE, DORAN R.
; REGISTRATION/DOCKET NUMBER: 38,261
; REFERENCE/DOCKET NUMBER: GJE-20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
;
US-09-043-085-6
;
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1436 TGGTGGAGTACGGCGCA 1453
Db 18 TGGTGGAGATCGCGCA 1

RESULT 1122
US-09-043-085-30
; Sequence 30, Application US/09043085
; Patent No. 6083685
; GENERAL INFORMATION:
; APPLICANT: Juraj Petrik
; TITLE OF INVENTION: SYSTEMATIC EXTRACTION, AMPLIFICATION AND
; TITLE OF INVENTION: DETECTION OF RETROVIRAL SEQUENCES, AND OLIGONUCLEOTIDES
; TITLE OF INVENTION: FOR USE THEREIN
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SALIWANCHIK, LLOYD & SALIWANCHIK
; STREET: 2421 NW 41st STREET, SUITE A-1
; CITY: GAINESVILLE
; STATE: FLORIDA
; COUNTRY: USA
; ZIP: 32606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/043,085
; FILING DATE: 6-MAR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB96/02196
; FILING DATE: 6-SEP-1996
; NAME: PACE, DORAN R.
; REGISTRATION/DOCKET NUMBER: 38,261
; REFERENCE/DOCKET NUMBER: GJE-20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Oligonucleotide"
;
US-09-043-085-6
;
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1436 TGGTGGAGTACGGCGCA 1453
Db 1 TGGTGGAGATCGCGCA 18

RESULT 1123
US-08-472-040A-51
; Sequence 51, Application US/08472040A
; Patent No. 6090387
; GENERAL INFORMATION:
; APPLICANT: HOWELL, MARK D.
; APPLICANT: BROSTOFF, STEVEN W.
; APPLICANT: CARLO, DENNIS J.
; TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
; TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
; TITLE OF INVENTION: POPULATIONS
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL & FLORES LLP
; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,040A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, CATHRYN
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IM 1641
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-9001
; TELEFAX: 619-535-8949
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```



; MOLECULE TYPE: DNA (genomic)  
US-08-472-040A-51

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 GGTTTCTCATCACTCTG 829  
| | | | | | | | | | | | | | | | | |  
Db 1 GATTTCCTCTCACTCTG 18

## RESULT 1124

US-09-197-380-10  
; Sequence 10, Application US/09197380  
; Patent No. 6096543

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK1 EXPRESSION

; FILE REFERENCE: RTS-0016

; CURRENT APPLICATION NUMBER: US/09/197,380

; CURRENT FILING DATE: 1998-11-20

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 10

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-197-380-10

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 913 GGGTGGGCTTCTTCTG 930  
| | | | | | | | | | | | | | | | | |  
Db 1 GGGTGGGCTTCTTCTG 18

## RESULT 1125

US-09-205-143-24

; Sequence 24, Application US/09205143

; Patent No. 6107091

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION

; FILE REFERENCE: RTS-0032

; CURRENT APPLICATION NUMBER: US/09/205,143

; CURRENT FILING DATE: 1998-12-03

; NUMBER OF SEQ ID NOS: 87

; SEQ ID NO 24

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-143-24

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 247 CGGATGCACGAGCTG 264  
| | | | | | | | | | | | | | | | | |  
Db 1 CGGATGCACGAGCTG 18

## RESULT 1126

US-08-488-214A-29

; Sequence 29, Application US/08488214A

; Patent No. 6124439

; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING

; NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC

; USES THEREOF

## ; GENERAL INFORMATION:

; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,

; MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLEY

; TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING

; TITLE OF INVENTION: (AS AMENDED)

; NUMBER OF SEQUENCES: 99

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Klauber & Jackson

; STREET: 411 Hackensack Avenue

; CITY: Hackensack

; STATE: New Jersey

; COUNTRY: USA

; ZIP: 07601

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/488,214A

; FILING DATE: JUNE 7, 1995

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/438,431

; FILING DATE: May 10, 1995

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/347,563

; FILING DATE: No. 6124439ember 30, 1994

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/292,345

; FILING DATE: August 17, 1994

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:

; NAME: Jackson Esq., David A.

; REGISTRATION NUMBER: 26,742

; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 201 487-5800

; TELEFAX: 201 343-1684

; TELEX: 133521

; INFORMATION FOR SEQ ID NO: 29:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (primer)

; DESCRIPTION: HOB IgF DNA primer generated from the 5 noncoding

; sequence of the human ob gene

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; US-08-488-214A-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2228 CCCTAGCAGCCACCTG 2245  
| | | | | | | | | | | | | | | | | |  
Db 1 CCAAGAGCCATCTG 18

## RESULT 1127

US-08-488-208A-29

; Sequence 29, Application US/08488208A

; Patent No. 6124448

; GENERAL INFORMATION:

; APPLICANT: THE ROCKEFELLER UNIVERSITY

; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING

; NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC

; USES THEREOF

```
;
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,208A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6124448ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB 19f DNA primer generated from the 5 noncoding
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-488-208A-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2228 CCCTAGCAGCCACCTG 2245
      ||| ||| ||| |||
Db 1 CCCAAGAGCCATCTG 18

RESULT 1128
US-09-213-719-64
; Sequence 64, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 64
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```
;
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-213-719-64

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2128 GACGACTCCGTGTTGCC 2145
      ||| ||| ||| |||
Db 1 GACGACTCCTGTTCCACC 18

RESULT 1129
US-08-987-574-42/c
; Sequence 42, Application US/08987574
; Patent No. 6150339
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennelwald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/987,574
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note="Amine moiety
; OTHER INFORMATION: attached to 3' end"
; US-08-987-574-42

Query Match 0.3%; Score 13.2; DB 1; Length 18;
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Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGG 2937  
Db 18 GGGCGGGCGGGGGG 1

```

RESULT 1130
US-08-987-574-43/c
; Sequence 43, Application US/08987574
; Patent No. 6150339
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
;

```

ADDRESSEE: Fulbright & Jaworski  
STREET: 1301 McKinney, Suite 5100  
CITY: Houston  
STATE: Texas  
COUNTRY: U.S.A.  
ZIP: 77010-3095

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CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/04529  
FILING DATE: 28-OCT-1993  
APPLICATION NUMBER: US 08/053,027  
FILING DATE: 23-APR-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul, Thomas D.  
REGISTRATION NUMBER: 32,714  
REFERENCE/DOCKET NUMBER: D-5574-CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 713/651-5151  
TELEFAX: 713/651-5246  
TRILEX: 762829

```

/ INFORMATION FOR SEQ ID NO: 43:
/
/ SEQUENCE CHARACTERISTICS:
/   LENGTH: 18 base pairs
/   TYPE: nucleic acid
/   STRANDEDNESS: single
/   TOPOLOGY: linear
/   MOLECULE TYPE: DNA (genomic)
/   FEATURE:
/     NAME/KEY: misc_feature
/     LOCATION: 18
/     OTHER INFORMATION: /note= "Amine moiety
/     OTHER INFORMATION: attached to 3' end and phosphorothioate
/     OTHER INFORMATION: backbone"
/
/ US-08-987-574-43

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Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15: Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2920 GGGCGGGCGCGTGGGGGG 2937  
pB 18 GGGGGGGGGGGGGGGGG 1

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RESULT 1131
US-09-2886-407-25/c
; Sequence 25, Application US/09286407A
; Patent No. 6165788
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Cowayze, Eric E.
; APPLICANT: Cowseert, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
; FILE REFERENCE: ISPH-0349
; CURRENT APPLICATION NUMBER: US/09/286,407A
; CURRENT FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-2886-407-25

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Query Match	0.3%	Score 13.2;	DB 1;	Length 18;
Best Local Similarity	83.3%;	Pred. No. 8.8e+02;		
Matches	15: Conservative	0: Mismatches	3: Indels	0: Gaps

Qy 3446 ATTAGATGTTTACAAGTTT 3463  
Db 18 ATTAGATGTTTCAACTGT 1

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RESULT 1132
US-09-080-704A-11/c
; Sequence 11, Application US/09080704A
; Patent No. 6166181
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Luneau, Christopher J
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: Human Adenosine Receptors
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: NJ
; COUNTRY: United States
; ZIP: 07065

```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Windows NT
SOFTWARE: Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/080,704A
FILING DATE: 18 May 1998
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Parr, Richard S.
REGISTRATION NUMBER: 32,586
REFERENCE/DOCKET NUMBER: 18699DB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (732)594-4958
TELEFAX: (732)594-4720
INFORMATION FOR SEQ ID NO.: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

```

## US-09-080-704A-11

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1588 ATGAGTACTTGGCTCC 1605  
Db 18 ATGAGTACTTGGCTAC 1

## RESULT 1133

US-09-220-081-30/c  
; Sequence 30, Application US/09220081  
; Patent No. 6171833  
; GENERAL INFORMATION:  
; APPLICANT: Sinskey, Anthony J.  
; APPLICANT: Lessard, Philip A.  
; APPLICANT: Willis, Laura B.  
; APPLICANT: Stephanopoulos, Gregory  
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum  
; FILE REFERENCE: 1533 0790000  
; CURRENT APPLICATION NUMBER: US/09/220,081  
; CURRENT FILING DATE: 1998-12-23  
; PRIOR FILING DATE: 1998-12-23  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 30  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer  
US-09-220-081-30

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 852 CGAGGAGGAGCTGGTGA 869  
Db 18 CGAGTGGACCTGGTGA 1

## RESULT 1134

US-09-193-792-16  
; Sequence 16, Application US/09193792B  
; Patent No. 6180344  
; GENERAL INFORMATION:  
; APPLICANT: Chen, Bin  
; TITLE OF INVENTION: 5' Upstream Region Sequences of the MYO1 Gene  
; FILE REFERENCE: D6015  
; CURRENT APPLICATION NUMBER: US/09/193,792B  
; CURRENT FILING DATE: 1998-11-17  
; PRIOR FILING DATE: 1997-11-17  
; NUMBER OF SEQ ID NOS: 20  
; SEQ ID NO 16  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; NAME/KEY: primer bind  
; OTHER INFORMATION: Pax3-specific primer used to amplify the Pax3 gene  
US-09-193-792-16

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2670 ACCGCTCCCACTCCA 2687  
Db 1 ACTGCTCCCACTCCA 18

## RESULT 1135

US-09-230-180-13  
; Sequence 13, Application US/09230180  
; Patent No. 6183992  
; GENERAL INFORMATION:  
; APPLICANT: Kim, Sun-Chang  
; APPLICANT: Lee, Jae Hyun  
; APPLICANT: Kang, Min Hyung  
; APPLICANT: Kim, Jeong Hyun  
; APPLICANT: Hong, Seung-Suh  
; APPLICANT: Lee, Hyun-Soo  
; APPLICANT: Samyang Genex Corporation  
; APPLICANT: Korea Advanced Institute of Science and Technology  
; TITLE OF INVENTION: METHOD FOR MASS PRODUCTION OF  
; TITLE OF INVENTION: ANTIMICROBIAL PEPTIDE  
; FILE REFERENCE: 6181/0F135  
; CURRENT APPLICATION NUMBER: US/09/230,180  
; CURRENT FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: PCT/KR98/00132  
; PRIOR FILING DATE: 1998-05-28  
; PRIOR APPLICATION NUMBER: KR 13372/1998  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: KR 21312/1997  
; PRIOR FILING DATE: 1997-05-28  
; NUMBER OF SEQ ID NOS: 36  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 13  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: BuforinII gene 3' PCR primer  
US-09-230-180-13

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3653 TGCTGCTGCAGGCCA 3670  
Db 1 TGCATGCTGCAGGTCA 18

## RESULT 1136

US-08-535-168-42/c  
; Sequence 42, Application US/08535168  
; Patent No. 6184369  
; GENERAL INFORMATION:  
; APPLICANT: Rando, Robert F.  
; APPLICANT: Fennwald, Susan  
; APPLICANT: Zendegei, Joseph G.  
; APPLICANT: Ojwang, Joshua O.  
; APPLICANT: Hogan, Michael E.  
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
; TITLE OF INVENTION: Oligonucleotides  
; NUMBER OF SEQUENCES: 52  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fulbright & Jaworski  
; STREET: 1301 McKinney, Suite 5100  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: U.S.A.  
; ZIP: 77010-3095  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/535,168  
; FILING DATE:

```

; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.
; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety
; OTHER INFORMATION: attached to 3' end"
; US-08-535-168-42
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGG 1

RESULT 1137
US-08-535-168-43/c
; Sequence 43, Application US/08535168
; Patent No. 6184369
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennwald, Susan
; APPLICANT: Zengdegui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski
; STREET: 1301 McKinney, Suite 5100
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77010-3095
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/535,168
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/04529
; FILING DATE: 28-OCT-1993
; APPLICATION NUMBER: US 08/053,027
; FILING DATE: 23-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul, Thomas D.

```

```

; REGISTRATION NUMBER: 32,714
; REFERENCE/DOCKET NUMBER: D-5574-CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/651-5151
; TELEFAX: 713/651-5246
; TELEX: 762829
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety
; OTHER INFORMATION: attached to 3' end and phosphorothioate
; OTHER INFORMATION: backbone"
; US-08-535-168-43
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGG 1

RESULT 1138
US-09-120-049-8/c
; Sequence 8, Application US/09120049
; Patent No. 6200755
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; TITLE OF INVENTION: Optical Disk-Based Assay Devices and
; Methods
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/120,049
; FILING DATE: 21-Jul-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/888,935
; FILING DATE: July 7, 1997
; APPLICATION NUMBER: 60/021,367
; FILING DATE: July 8, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 18950-18
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded DNA
; TOPOLOGY: linear

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; MOLECULE TYPE: oligonucleotide
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-120-049-8

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3415 GGGCGCGCGCCCTGTGTGC 3432
Db 18 GGC CGCGCGCCGTGTGGC 1

RESULT 1139
US-08-276-776-51
; Sequence 51, Application US/08276776
; Patent No. 6207645
; GENERAL INFORMATION:
; APPLICANT: HOWELL, MARK D.
; APPLICANT: BROSTOFF, STEVEN W.
; APPLICANT: CARLO, DENNIS J.
; TITLE OF INVENTION: VACCINATION AND METHODS AGAINST DISEASES
; TITLE OF INVENTION: RESULTING FROM PATHOGENIC RESPONSES BY SPECIFIC T CELL
; NUMBER OF SEQUENCES: 75
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL AND FLORES
; STREET: 4370 LA JOLLA VILLAGE DRIVE, SUITE 700
; CITY: SAN DIEGO
; STATE: CALIFORNIA
; COUNTRY: UNITED STATES
; ZIP: 92122
; COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/276,776
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/813,867
; FILING DATE: 24-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: CAMPBELL, CATHRYN
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-IM 9107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-535-9001
; TELEFAX: 619-535-8949
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-276-776-51

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 812 GGTTCCTCTCACTCTG 829
Db 1 GATTTCCTCTCACTCTG 18

RESULT 1140
US-09-115-027-2/c
; Sequence 2, Application US/09115027
; Patent No. 6242589
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Phosphorothioate Oligonucleotides Having Modified
; TITLE OF INVENTION: Internucleoside Linkages
; FILE REFERENCE: ISIS2953
; CURRENT APPLICATION NUMBER: US/09/115,027
; CURRENT FILING DATE: 1998-07-14
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6242589el
; OTHER INFORMATION: Sequence
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## US-09-115-027-2

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1575 GGTGGCCCGGGCATGCA 1592  
Db 18 GGTGGCCCTGGGGATGCA 1

## RESULT 1142

US-09-632-580A-65/c  
; Sequence 65, Application US/09632580A  
; Patent No. 6255111  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION  
; FILE REFERENCE: RTS-0054  
; CURRENT APPLICATION NUMBER: US/09/632.580A  
; CURRENT FILING DATE: 2000-07-31  
; NUMBER OF SEQ ID NOS: 93  
; SEQ ID NO 65  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-632-580A-65

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1359 GATGAGATGATCGGAA 1376  
Db 18 GATGAGAGGATTTGAA 1

## RESULT 1143

US-09-437-076-3  
; Sequence 3, Application US/09437076  
; Patent No. 6261779  
; GENERAL INFORMATION:  
; APPLICANT: Barber-Guillem, Emilio  
; APPLICANT: Nelson, M. Bud  
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form  
; CURRENT APPLICATION NUMBER: US/09/437.076  
; CURRENT FILING DATE: 1999-11-09  
; EARLIER APPLICATION NUMBER:  
; EARLIER FILING DATE:  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: Word for Windows  
; SEQ ID NO 3  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; NAME/KEY:  
; LOCATION:  
; OTHER INFORMATION: synthesized  
US-09-437-076-3

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2920 GGGCGGGCGTGGGGGG 2937  
Db 1 GGGGGGGGGGGGGGGG 18

## RESULT 1144

US-09-437-076-4/c  
; Sequence 4, Application US/09437076  
; Patent No. 6261779  
; GENERAL INFORMATION:  
; APPLICANT: Barber-Guillem, Emilio  
; APPLICANT: Nelson, M. Bud  
; APPLICANT: Castro, Stephanie  
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form  
; CURRENT APPLICATION NUMBER: US/09/437.076  
; CURRENT FILING DATE: 1999-11-09  
; EARLIER APPLICATION NUMBER:  
; EARLIER FILING DATE:  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: Word for Windows  
; SEQ ID NO 4  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial sequence  
; FEATURE:  
; NAME/KEY:  
; LOCATION:  
; OTHER INFORMATION: synthesized  
US-09-437-076-4

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2921 GCGGGCGGTGGGGGCG 2938  
Db 18 GCGGGCGGGGGGGGGCG 1

## RESULT 1145

US-09-017-974-42/c  
; Sequence 42, Application US/09017974  
; Patent No. 6288042  
; GENERAL INFORMATION:  
; APPLICANT: Rando, Robert F.  
; APPLICANT: Ojwang, Joshua O.  
; APPLICANT: Hogan, Michael E.  
; APPLICANT: Wallace, Thomas L.  
; APPLICANT: Cossum, Paul A.  
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich  
; NUMBER OF SEQUENCES: 88  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Conley, Rose & Tayon, P.C.  
; STREET: 600 Travis, Suite 1800  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: U.S.A.  
; ZIP: 77002-2912  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: MS Word 97 (saved as .txt file)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/017.974  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/037,374  
; FILING DATE: 04-FEB-97  
; APPLICATION NUMBER:  
; FILING DATE: 09-DEC-97  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McDaniel, C. Steven  
; REGISTRATION NUMBER: 33,962  
; REFERENCE/DOCKET NUMBER: 1472-06223

```
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety
; OTHER INFORMATION: attached to 3' end"
US-09-017-974-42

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGG 1

RESULT 1146
US-09-017-974-43/c
; Sequence 43, Application US/09017974
; Patent No. 6288042
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Wallace, Thomas L.
; APPLICANT: Cossum, Paul A.
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Tetrad Forming Oligonucleotides
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1800
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS word 97 (saved as .txt file)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/017,974
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/037,374
; FILING DATE: 04-FEB-97
; APPLICATION NUMBER:
; FILING DATE: 09-DEC-97
; ATTORNEY/AGENT INFORMATION:
; NAME: McDaniel, C. Steven
; REGISTRATION NUMBER: 33,962
; REFERENCE/DOCKET NUMBER: 1472-06223
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713/238-8010
; TELEFAX: 713/238-8008
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 18
; OTHER INFORMATION: /note= "Amine moiety
; OTHER INFORMATION: attached to 3' end and phosphorothioate
; OTHER INFORMATION: backbone"
US-09-017-974-43

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGG 1

RESULT 1147
US-09-309-382-8/c
; Sequence 8, Application US/09309382
; Patent No. 6291214
; GENERAL INFORMATION:
; APPLICANT: Richards, Cynthia
; APPLICANT: Weiner, Michael
; TITLE OF INVENTION: SYSTEM FOR GENERATING RECOMBINANT VIRUSES
; FILE REFERENCE: PU3481US2
; CURRENT APPLICATION NUMBER: US/09/309,382
; CURRENT FILING DATE: 1999-05-10
; EARLIER APPLICATION NUMBER: 60/084,936
; EARLIER FILING DATE: 1998-05-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: recognition
; OTHER INFORMATION: site
US-09-309-382-8

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3696 GCCCAGTCATGCGGCC 3713
Db 18 GCCCGGCCATGCGGCC 1

RESULT 1148
US-08-483-211A-29
; Sequence 29, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 630985ember 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB lgf DNA primer generated from the 5 noncoding
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
; US-08-483-211A-29
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 2228 CCTAGCAGCCACCTGTG 2245
; Db 1 CCCAAGAAGCCATCTGTG 18
;
; RESULT 1149
; US-09-394-137A-8/c
; Sequence 8, Application US/09394137A
; Patent No. 6312901
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; TITLE OF INVENTION: Spatially Addressable, Cleavable Reflective
; Signal Elements, Assay Device and Method
;
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Openheimer Wolff & Donnelly LLP
; STREET: 2029 Century Park East, Suite 3800
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: MS Word
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/394,137A
; FILING DATE: 10-Sep-1999
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

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;
; APPLICATION NUMBER: 08/888,935
; FILING DATE: July 7, 1997
; APPLICATION NUMBER: 60/021,367
; FILING DATE: July 8, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Oldenkamp, David J.
; REGISTRATION NUMBER: 29,421
; REFERENCE/DOCKET NUMBER: 18950-16
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded DNA
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
;
; US-09-394-137A-8
;
; Query Match 0.3%; Score 13.2; DB 1; Length 18;
; Best Local Similarity 83.3%; Pred. No. 8.8e+02;
; Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
; QY 3415 GGGCGCGCGCTGTGTC 3432
; Db 18 GGGCGCGCGCTGTGTC 1
;
; RESULT 1150
; US-08-682-255A-42/c
; Sequence 42, Application US/08682255A
; Patent No. 6323185
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennewald, Susan
; APPLICANT: Zendequi, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Yves
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: MS Windows 95
; SOFTWARE: MS Word 97 (saved as .txt file)
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/682,255A
; FILING DATE: 17-JULY-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/535,168
; FILING DATE: 23-OCT-95
; APPLICATION NUMBER: 60/001,505
; FILING DATE: 19-JULY-95
; APPLICATION NUMBER: 60/014,007
; FILING DATE: 25-MARCH-96
; APPLICATION NUMBER: 60/013,688
; FILING DATE: 19-MARCH-96
; APPLICATION NUMBER: 60/015,714
; FILING DATE: 17-APRIL-96
; APPLICATION NUMBER: 60/016,271
```

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/
/ FILING DATE: 23-APRIL-96
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McDaniel, C. Steven
/ REGISTRATION NUMBER: 33,962
/ REFERENCE/DOCKET NUMBER: 1472-06214
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 713/238-8010
/ TELEFAX: 713/238-8008
/ INFORMATION FOR SEQ ID NO: 42:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 18
/ OTHER INFORMATION: /note= "Amine moiety
/ OTHER INFORMATION: attached to 3' end"
US-08-682-255A-42

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGG 2937
Db 18 GGGCGGGCGTGGGGGG 1

RESULT 1151
US-08-682-255A-43/c
/ Sequence 43 Application US/08682255A
/ Patent No. 6323185
/ GENERAL INFORMATION:
/ APPLICANT: Rando, Robert F.
/ APPLICANT: Fennwald, Susan
/ APPLICANT: Zendequi, Joseph G.
/ APPLICANT: Ojwang, Joshua O.
/ APPLICANT: Hogan, Michael E.
/ APPLICANT: Pommer, Eyles
/ APPLICANT: Mazumder, Abhijit
/ TITLE OF INVENTION: Anti-Viral Guanocine-Rich
/ TITLE OF INVENTION: Oligonucleotides
/ NUMBER OF SEQUENCES: 87
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Conley, Rose & Tayon, P.C.
/ STREET: 600 Travis, Suite 1850
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: U.S.A.
/ ZIP: 77002-2912
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: MS Windows 95
/ SOFTWARE: MS Word 97 (saved as .txt file)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/682,255A
/ FILING DATE: 17-JULY-1996
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/535,168
/ FILING DATE: 23-OCT-95
/ APPLICATION NUMBER: 60/001,505
/ FILING DATE: 19-JULY-95
/ APPLICATION NUMBER: 60/014,007
/ FILING DATE: 25-MARCH-96
/ APPLICATION NUMBER: 60/013,688
/ FILING DATE: 19-MARCH-96
/ APPLICATION NUMBER: 60/015,714
/ FILING DATE: 17-APRIL-96
```

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/
/ APPLICATION NUMBER: 60/016,271
/ FILING DATE: 23-APRIL-96
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McDaniel, C. Steven
/ REGISTRATION NUMBER: 33,962
/ REFERENCE/DOCKET NUMBER: 1472-06214
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 713/238-8010
/ TELEFAX: 713/238-8008
/ INFORMATION FOR SEQ ID NO: 43:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 18
/ OTHER INFORMATION: /note= "Amine moiety
/ OTHER INFORMATION: attached to 3' end and phosphorothioate
/ OTHER INFORMATION: backbone"
US-08-682-255A-43

Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGG 2937
Db 18 GGGCGGGCGTGGGGGG 1

RESULT 1152
US-09-632-113-8/c
/ Sequence 8 Application US/09632113
/ Patent No. 6331275
/ GENERAL INFORMATION:
/ APPLICANT: Virtanen, Jorma
/ TITLE OF INVENTION: Spatially Addressable, Cleavable Reflective
/ NUMBER OF SEQUENCES: 13
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Oppenheimer Wolff & Donnelly LLP
/ STREET: 2029 Century Park East, Suite 3800
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: USA
/ ZIP: 90067
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy Disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: Microsoft Windows 98
/ SOFTWARE: MS Word
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/632,113
/ FILING DATE: 03-Aug-2000
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/419,407
/ FILING DATE: October 15, 1999
/ APPLICATION NUMBER: 09/394,137
/ FILING DATE: September 10, 1999
/ APPLICATION NUMBER: 08/888,935
/ FILING DATE: July 7, 1997
/ APPLICATION NUMBER: 60/030,416
/ FILING DATE: No. 6331275ember 1, 1996
/ APPLICATION NUMBER: 60/021,367
/ FILING DATE: July 8, 1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Oldenkamp, David J.
/ REGISTRATION NUMBER: 29,421
/ REFERENCE/DOCKET NUMBER: 18950-17-1
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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (310) 788-5000
; TELEFAX: (310) 788-5100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18
;   TYPE: nucleic acid
;   STRANDEDNESS: single-stranded DNA
;   TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-632-113-8
Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3415 GGGCGCGCGCCCTGTGTC 3432
DB 18 GGGCGCGCGCGTGTGGGC 1

RESULT 1153
US-09-496-694B-34/C
; Sequence 34, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric B. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-34
Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3446 ATTAGATGTTTCAAGTTT 3463
DB 18 ATTAGATGTTTCAACTGT 1

RESULT 1154
US-09-496-694B-74/C
; Sequence 74, Application US/09496694B
; Patent No. 6335194
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric B. Swayze
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0439
; CURRENT APPLICATION NUMBER: US/09/496,694B
; CURRENT FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
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; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-496-694B-74
Query Match      0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3446 ATTAGATGTTTCAAGTTT 3463
DB 18 ATTAGATGTTTCAACTGT 1

RESULT 1155
US-08-488-223A-29
; Sequence 29, Application US/08488223A
; Patent No. 6350730
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC
; ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,223A
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6350730ember 30, 1994
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HOB 19f DNA primer generated from the 5 noncoding
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-08-488-223A-29
Query Match      0.3%; Score 13.2; DB 1; Length 18;
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/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 18
/ OTHER INFORMATION: /note= "Amine moiety
/ attached to 3' end and phosphorothioate
/ backbone"
/ SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-429-130-43

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGGGGGGGCTGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGGG 1

RESULT 1158
US-08-666-341A-85/c
; Sequence 85, Application US/08666341A
; Patent No. 6365345
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Antisense nucleic Acids for the
; TITLE OF INVENTION: prevention and treatment of disorders in which expression
; TITLE OF INVENTION: of c-erbB plays a role
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC
; STREET: 400 Seventh street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disc
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BFO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/666,341A
; FILING DATE: 15-AUG-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93120710.4
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: YES
US-08-666-341A-85

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1939 GACCTGTACATGATCATG 1956
Db 18 GATGCTCATGATCATG 1

RESULT 1159
US-09-167-109-83
; Sequence 83, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
```

```
/ APPLICANT: Baker, Brenda F.
/ APPLICANT: Cowsert, Lex M.
/ APPLICANT: Monia, Brett P.
/ APPLICANT: Xu, Xiaoxing S.
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
/ FILE REFERENCE: ISPH-0321
/ CURRENT APPLICATION NUMBER: US/09/167,109
/ CURRENT FILING DATE: 1998-10-06
/ NUMBER OF SEQ ID NOS: 228
/ SEQ ID NO 83
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-09-167-109-83

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2093 GTGGCCAGGACACCCCA 2110
Db 1 GAGGGCAGGACACCA 18

RESULT 1160
US-09-677-575-30/c
; Sequence 30, Application US/09677575
; Patent No. 6403351
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.0790000
; CURRENT APPLICATION NUMBER: US/09/677,575
; CURRENT FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 09/220,081
; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 30
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-677-575-30

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 852 CGAGGAGGAGCTGGTGA 869
Db 18 CGAGGTGGACCTGGTGAA 1

RESULT 1161
US-09-387-341-124
; Sequence 124, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowsert, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
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/ EARLIER FILING DATE: 1998-09-18  
/ EARLIER APPLICATION NUMBER: 09/156,979  
/ EARLIER FILING DATE: 1998-09-18  
/ EARLIER APPLICATION NUMBER: 09/156,807  
/ EARLIER FILING DATE: 1998-09-18  
/ EARLIER APPLICATION NUMBER: 09/161,015  
/ EARLIER FILING DATE: 1998-09-25  
/ NUMBER OF SEQ ID NOS: 233  
/ SOFTWARE: PatentIn Ver. 2.0  
/ SEQ ID NO 124  
/ LENGTH: 18  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Description of Artificial Sequence:Synthetic  
US-09-387-341-124

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2373 GCGTGGCATCTGGCTC 2390  
|||||  
Db 1 GTGTGCTCGTCTGGCTC 18

RESULT 1162  
US-08-438-431A-29  
/ Sequence 29, Application US/08438431A  
/ Patent No. 6429290  
/ GENERAL INFORMATION:  
/ APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAPPEI,  
/ TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR  
/ NUMBER OF SEQUENCES: 99  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Klauber & Jackson  
/ STREET: 411 Hackensack Avenue  
/ CITY: Hackensack  
/ STATE: New Jersey  
/ COUNTRY: USA  
/ ZIP: 07601  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: PatentIn Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/438,431A  
/ FILING DATE: May 10, 1995  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/347,563  
/ FILING DATE: August 17, 1994  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/292,345  
/ FILING DATE: August 17, 1994  
/ CLASSIFICATION: 514  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Jackson Esq., David A.  
/ REGISTRATION NUMBER: 26,742  
/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP1  
/ TELEPHONE: 201 487-5800  
/ TELEFAX: 201 343-1684  
/ TELEX: 133521  
/ INFORMATION FOR SEQ ID NO: 29:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 18 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (primer)

/ DESCRIPTION: HOB IgF DNA primer generated from the 5 noncoding  
/ HYPOTHETICAL: NO  
/ ANTI-SENSE: NO  
US-08-438-431A-29

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2228 CCTAGCAGCCACCTG 2245  
|||||  
Db 1 CCCAAGAGCCCATCTG 18

RESULT 1163  
US-08-488-225A-29  
/ Sequence 29, Application US/08488225A  
/ Patent No. 6471956  
/ GENERAL INFORMATION:  
/ APPLICANT: THE ROCKEFELLER UNIVERSITY  
/ TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
/ TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES  
/ NUMBER OF SEQUENCES: 98  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Klauber & Jackson  
/ STREET: 411 Hackensack Avenue  
/ CITY: Hackensack  
/ STATE: New Jersey  
/ COUNTRY: USA  
/ ZIP: 07601  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: PatentIn Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/488,225A  
/ FILING DATE: June 7, 1995  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/483,211  
/ FILING DATE: June 7, 1995  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/438,431  
/ FILING DATE: May 10, 1995  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/347,563  
/ FILING DATE: No. 6471956ember 30, 1994  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 08/292,345  
/ FILING DATE: August 17, 1994  
/ CLASSIFICATION: 435  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Jackson Esq., David A.  
/ REGISTRATION NUMBER: 26,742  
/ REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J  
/ TELEPHONE: 201 487-5800  
/ TELEFAX: 201 343-1684  
/ TELEX: 133521  
/ INFORMATION FOR SEQ ID NO: 29:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 18 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (primer)  
/ DESCRIPTION: HOB IgF DNA primer generated from the 5  
/ sequence of the human ob gene  
/ HYPOTHETICAL: NO

```
; ANTI-SENSE: NO
US-08-488-225A-29

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2228 CCTAGAGAGCCACCCTTG 2245
Db 1 CCCAAGAAGCCCATCTTG 18

RESULT 1164
US-09-920-760-14/c
; Sequence 14, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RFS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-14

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3766 TTCGAAATAAGACA 3783
Db 18 TTCGAAATAAGACA 1

RESULT 1165
US-09-920-760-53/c
; Sequence 53, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RFS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-53

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3374 TAATTGCTGTGTGCCA 3391
Db 18 TCATTGCTGTGTGCCA 1

RESULT 1166
US-09-077-619-8
; Sequence 8, Application US/09077619
; Patent No. 650614
; GENERAL INFORMATION:
; APPLICANT: ARGUELLO, Rafael
; APPLICANT: AVAKIAN, Hovanes
; APPLICANT: MADRICAL, Alejandro
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE
; FILE REFERENCE: 028979/0104
; CURRENT APPLICATION NUMBER: US/09/077,619
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/GB96/02959
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: GB 9524381.2
; PRIOR FILING DATE: 1995-11-29
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-077-619-8

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 663 CAGGTGGCGCGGACGG 680
Db 1 CGAGTGGCGCGGACGG 18

RESULT 1167
US-09-588-995A-31
; Sequence 31, Application US/09588995A
; Patent No. 6514697
; GENERAL INFORMATION:
; APPLICANT: PETERSEN, CAROLYN
; APPLICANT: BARNES, DEBRA A.
; APPLICANT: NELSON, RICHARD C.
; APPLICANT: GUT, JIRI
; TITLE OF INVENTION: METHODS FOR DETECTION OF CRYPTOSPORIDIUM SPECIES AND
; TITLE OF INVENTION: ISOLATES AND FOR DIAGNOSIS OF CRYPTOSPORIDIUM
; TITLE OF INVENTION: INFECTIONS
; FILE REFERENCE: 480.19-5
; CURRENT APPLICATION NUMBER: US/09/588,995A
; CURRENT FILING DATE: 2000-06-06
; PRIOR APPLICATION NUMBER: 08/827,171
; PRIOR FILING DATE: 1997-03-27
; PRIOR APPLICATION NUMBER: 08/928,361
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 08/700,651
; PRIOR FILING DATE: 1996-08-14
; PRIOR APPLICATION NUMBER: 08/415,751
; PRIOR FILING DATE: 1995-04-03
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-588-995A-31

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3768 CCGAAAAATAAGACACC 3785
Db 1 CCGAATAATGAGACACC 18

RESULT 1168
US-09-422-978-7380/c
; Sequence 7380, Application US/09422978
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Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7380  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-4139 for SEQ 3446,  
US-09-422-978-7380

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1659 CAACGTGATCAAGATCGC 1676  
||| ||||| |||  
Db 18 CAACTAGATCAAGAACGC 1

RESULT 1169  
US-09-422-978-7710  
; Sequence 7710, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7710  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-12569 for SEQ 3776,  
US-09-422-978-7710

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 716 CTAACACCACCGCAAGG 733  
||| ||||| |||  
Db 1 CTAACACCACCGATGATG 18

RESULT 1170  
US-09-068-506-67  
; Sequence 67, Application US/09068506A  
; Patent No. 6569618  
; GENERAL INFORMATION:  
; APPLICANT: YASUE, Hirofumi  
; APPLICANT: YOSHIMURA, Kumamoto  
; TITLE OF INVENTION: DIAGNOSIS OF DISEASES ASSOCIATED WITH CORONARY  
; TITLE OF INVENTION: TWITCHING  
; FILE REFERENCE: 0032-245P  
; CURRENT APPLICATION NUMBER: US/09/068,506A  
; CURRENT FILING DATE: 1998-07-10  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 67  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: Primers  
US-09-068-506-67

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2112 CTCGAGCTCTCAGGGGA 2129  
||| ||||| ||||| |||  
Db 1 CTCGAGCTCTCAGATGA 18

RESULT 1171  
US-08-983-605-285  
; Sequence 285, Application US/08983605A  
; Patent No. 6720137  
; GENERAL INFORMATION:  
; APPLICANT: Roder, Marion  
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species  
; TITLE OF INVENTION: Triticum Aestivum and Tribe Triticeae and the Use of  
; TITLE OF INVENTION: Said Markers  
; FILE REFERENCE: 2936.10400  
; CURRENT APPLICATION NUMBER: US/08/983,605A  
; CURRENT FILING DATE: 1998-05-01  
; EARLIER APPLICATION NUMBER: DE 195 25 284.5  
; EARLIER FILING DATE: 1995-06-28  
; NUMBER OF SEQ ID NOS: 466  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 285  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Triticum aestivum  
US-08-983-605-285

Query Match 0.3%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 8.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 410 GCCTGTCATGCAAGCG 427  
||| ||||| ||||| |||  
Db 1 GCCCGTCATGTAACG 18

RESULT 1172  
US-09-556-390A-19/c  
; Sequence 19, Application US/09556390A  
; Patent No. 6770446  
; GENERAL INFORMATION:  
; APPLICANT: Young, Kathleen  
; APPLICANT: Cao, Jian  
; TITLE OF INVENTION: No. 6770446el Cell Systems Having Specific Interaction of Peptide  
; FILE REFERENCE: 1142.0081-03  
; CURRENT APPLICATION NUMBER: US/09/556,390A



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; CURRENT FILING DATE: 2000-04-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-556-390A-19

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 783 GTACACTGCTGGCGG 800
Db 18 GTCCACTGCGGCGG 1

RESULT 1173
US-09-696-791-4183/c
; Sequence 4183, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4183
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Hammerhead ribozyme recognition site for cdc 2 kinase
US-09-696-791-4183

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3018 CTGGACCTGTATTTGT 3035
Db 18 CTTGACTGTAGTTTGT 1

RESULT 1174
PCT-US95-08605-29
; Sequence 29, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visble Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:

; CURRENT FILING DATE: 2000-04-24
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-556-390A-19

APPLICATION NUMBER: PCT/US95/08605
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/388,381
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
NAME/KEY: sequencing primer for exon 5 of human p53 gene
PCT-US95-08605-29

Query Match          0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1185 CCGGCTGACCTGGGCAA 1202
Db 1 CCTGGGGACCTGGGCAA 18

RESULT 1175
PCT-US96-11786-42/c
; Sequence 42, Application PC/TUS9611786
; GENERAL INFORMATION:
; APPLICANT: Rando, Robert F.
; APPLICANT: Fennwald, Susan
; APPLICANT: Zendegeui, Joseph G.
; APPLICANT: Ojwang, Joshua O.
; APPLICANT: Hogan, Michael E.
; APPLICANT: Pommier, Eyles
; APPLICANT: Mazumder, Abhijit
; TITLE OF INVENTION: Anti-Viral Guanosine-Rich
; TITLE OF INVENTION: Oligonucleotides
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Conley, Rose & Tayon, P.C.
; STREET: 600 Travis, Suite 1850
; CITY: Houston
; STATE: Texas
; COUNTRY: U.S.A.
; ZIP: 77002-2912
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11786
; FILING DATE: 17-JULY-1996
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
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/ APPLICATION NUMBER: US 08/535,168; 60/001,505; 60/014,007; 60/013,688;
/ APPLICATION NUMBER: 60/015,714; 60/016,271
/ FILING DATE: 23-OCT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
/ FILING DATE: APRIL-96; 17-APRIL-96
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McDaniel, C. Steven
/ REGISTRATION NUMBER: 33,962
/ REFERENCE/DOCKET NUMBER: 1472-06214
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 713/238-8010
/ TELEFAX: 713/238-8008
/ INFORMATION FOR SEQ ID NO: 42:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 18
/ OTHER INFORMATION: /note= "Amine moiety
/ OTHER INFORMATION: attached to 3' end"
/ PCT-US96-11786-42
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGG 1

RESULT 1176
PCT-US96-11786-43/c
/ Sequence 43, Application PC/TUS9611786
/ GENERAL INFORMATION:
/ APPLICANT: Rando, Robert F.
/ APPLICANT: Fenewald, Susan
/ APPLICANT: Zendequi, Joseph G.
/ APPLICANT: Ojwang, Joshua O.
/ APPLICANT: Hogan, Michael E.
/ APPLICANT: Pommier, Byves
/ APPLICANT: Mazumder, Abhijit
/ TITLE OF INVENTION: Anti-Viral Guanosine-Rich
/ TITLE OF INVENTION: Oligonucleotides
/ NUMBER OF SEQUENCES: 52
/ CORRESPONDENCE ADDRESS:
/ STREET: Conley, Rose & Tayon, P.C.
/ CITY: Houston
/ STATE: Texas
/ COUNTRY: U.S.A.
/ ZIP: 77002-2912
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US96/11786
/ FILING DATE: 17-JULY-1996
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/535,168; 60/001,505; 60/014,007; 60/013,688;
/ APPLICATION NUMBER: 60/015,714; 60/016,271
/ FILING DATE: 23-OCT-95; 17-JULY-96; 25-MARCH-96; 19-MARCH-96; 23-
/ FILING DATE: APRIL-96; 17-APRIL-96
/ ATTORNEY/AGENT INFORMATION:
/ NAME: McDaniel, C. Steven
/ REGISTRATION NUMBER: 33,962
/ REFERENCE/DOCKET NUMBER: 1472-06214
```

```
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 713/238-8010
/ TELEFAX: 713/238-8008
/ INFORMATION FOR SEQ ID NO: 43:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: 18
/ OTHER INFORMATION: /note= "Amine moiety
/ OTHER INFORMATION: attached to 3' end and phosphorothioate
/ OTHER INFORMATION: backbone"
/ PCT-US96-11786-43
Query Match 0.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGTGGGGGG 2937
Db 18 GGGGGGGGGGGGGGGGG 1

RESULT 1177
US-09-150-661-6
/ Sequence 6, Application US/09150661
/ Patent No. 6455249
/ GENERAL INFORMATION:
/ APPLICANT: Hsu, Ih-Chang
/ APPLICANT: Highsmith Jr., William E.
/ APPLICANT: Shih, James
/ TITLE OF INVENTION: Method of Amplifying DNA and RNA Mismatch Cleavage
/ FILE REFERENCE: 14751H
/ CURRENT APPLICATION NUMBER: US/09/150,661
/ CURRENT FILING DATE: 1998-09-10
/ EARLIER APPLICATION NUMBER: 60/058,419
/ EARLIER FILING DATE: 1997-09-10
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 6
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Human breast tumor cell line
/ US-09-150-661-6
Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3701 GTGCATGGTGGCCAGAGG 3718
Db 2 GTGCAGGTGGCAAGTGG 19

RESULT 1178
US-09-622-277-10
/ Sequence 10, Application US/09622277
/ Patent No. 6521407
/ GENERAL INFORMATION:
/ APPLICANT: Warenhus, Hilmar Meek
/ APPLICANT: Seabra, Laurence Anthony
/ TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UPON
/ TITLE OF INVENTION: EXPRESSION OF NEGATIVE SIGNAL TRANSDUCTION FACTORS
/ FILE REFERENCE: 1417-188
/ CURRENT APPLICATION NUMBER: US/09/622,277
/ CURRENT FILING DATE: 2000-10-25
/ PRIOR APPLICATION NUMBER: PCT/GB99/00500
/ PRIOR FILING DATE: 1999-02-18
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; PRIOR APPLICATION NUMBER: GB 9903035.5
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: GB 9814545.1
; PRIOR FILING DATE: 1998-07-03
; PRIOR APPLICATION NUMBER: GB 9812151.0
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: GB 9803447.3
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: GB 9803446.5
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR and DNA sequencing primer for exon 7 antisense
US-09-622-277-10

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3701 GTGCATGGTGGCCAGG 3718
      ||||| ||||| ||||| |||||
Db 2 GTGCAGGGTGGCAAGTGG 19

RESULT 1179
US-09-489-868A-78/c
; Sequence 78, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-78

Query Match          0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2834 ATATATATATAACATATA 2851
      ||||| ||||| ||||| |||||
Db 20 ATATATTGTAAATGTA 3

RESULT 1180
US-08-344-960-4
; Sequence 4, Application US/08344960
; Patent No. 5710038
; GENERAL INFORMATION:
; APPLICANT: Mes-Masson, Anne-Marie
; APPLICANT: Provencher, Diane
; TITLE OF INVENTION: PRIMARY CULTURES OF NORMAL AND TUMORAL
; TITLE OF INVENTION: HUMAN OVARIAN EPITHELIUM
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: NJ
```

```
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,960
; FILING DATE: 25-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson, David A
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1051-1-008
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-7800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "DNA"
US-08-344-960-4

Query Match          0.3%; Score 13.2; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 1.1e+03;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3701 GTGCATGGTGGCCAGG 3718
      ||||| ||||| ||||| |||||
Db 4 GTGCAGGGTGGCAAGTGG 21

RESULT 1181
US-08-529-190B-8
; Sequence 8, Application US/08529190B
; Patent No. 5833991
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 76
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,190B
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE9501324-9
; FILING DATE: 10-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US08/522,595
; FILING DATE: 01-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen A
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3255/53015
```

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-529-190B-8

Query Match 0.3%; Score 13.2; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGCTGTGGAG 870  
DB 2 GAAGAGGAGCTGGAGTG 19

RESULT 1182  
US-08-529-190B-13/c  
Sequence 13, Application US/08529190B  
Patent No. 5833991  
GENERAL INFORMATION:  
APPLICANT: Masucci, Maria G.  
TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES  
TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Ltd.  
STREET: One Financial Center  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02111

COMPUTER READABLE FORM:  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/529,190B  
FILING DATE: 15-SEP-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: S89501324-9  
FILING DATE: 10-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US08/522,595  
FILING DATE: 01-SEP-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Williams, Ph.D., Kathleen A  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3255/53015  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-529-190B-13

Query Match 0.3%; Score 13.2; DB 1; Length 24;  
Best Local Similarity 83.3%; Pred. No. 1.2e+03;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1426 CTGTACGTGCTGTGGAG 1443

DB 18 CTGGAGGTGCGGTGGAG 1

RESULT 1183  
US-08-621-914A-1  
Sequence 1, Application US/08621914A  
Patent No. 5707807  
GENERAL INFORMATION:  
APPLICANT: KATO, KIKUYA  
TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
TITLE OF INVENTION: ANALYSIS  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 AVENUE OF THE AMERICAS  
CITY: NEW YORK  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/621,914A  
FILING DATE: 26-MAR-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LAWRENCE III, STANTON T.  
REGISTRATION NUMBER: 25,736  
REFERENCE/DOCKET NUMBER: 7005-107-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741

TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: other nucleic acid  
US-08-621-914A-1

Query Match 0.3%; Score 13.2; DB 1; Length 26;  
Best Local Similarity 69.2%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3262 TATTTATTTGCTTGTCTTTTCA 3287  
DB 1 TTTTITTTTTTTTTTTTTTTTTTA 26

RESULT 1184  
US-08-621-914A-3  
Sequence 3, Application US/08621914A  
Patent No. 5707807  
GENERAL INFORMATION:  
APPLICANT: KATO, KIKUYA  
TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE  
TITLE OF INVENTION: ANALYSIS  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PENNIE & EDMONDS  
STREET: 1155 AVENUE OF THE AMERICAS  
CITY: NEW YORK  
STATE: NY  
COUNTRY: USA  
ZIP: 10036-2711

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/621,914A  
; FILING DATE: 26-MAR-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: LAWRENCE III, STANTON T.  
; REGISTRATION NUMBER: 25,736  
; REFERENCE/DOCKET NUMBER: 7005-107-999  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 26 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: other nucleic acid  
; US-08-621-914A-3

Query Match 0.3%; Score 13.2; DB 1; Length 26;  
Best Local Similarity 69.2%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3310 TTTTCTCTAGGAGATTATTTTTC 3335  
DB 1 TTTTCTCTAGGAGATTATTTTTC 26

RESULT 1185  
US-09-522-217-38  
; Sequence 38, Application US/09522217  
; Patent No. 6307024  
; GENERAL INFORMATION:  
; APPLICANT: No. 6307024ak, Julia E.  
; APPLICANT: Presnell, Scott R.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Holly, Richard D.  
; APPLICANT: Gross, Jane A.  
; APPLICANT: Johnston, Janet V.  
; APPLICANT: Nelson, Andrew J.  
; APPLICANT: Dillon, Stacey R.  
; APPLICANT: Hammond, Angela K.  
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
; FILE REFERENCE: 99-16  
; CURRENT APPLICATION NUMBER: US/09/522,217  
; EARLIER FILING DATE: 2000-03-09  
; EARLIER APPLICATION NUMBER: US 60/123,547  
; EARLIER FILING DATE: 1999-03-09  
; EARLIER APPLICATION NUMBER: US 60/123,904  
; EARLIER FILING DATE: 1999-03-11  
; EARLIER APPLICATION NUMBER: US 60/142,013  
; EARLIER FILING DATE: 1999-07-01  
; NUMBER OF SEQ ID NOS: 115  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 38  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
; US-09-522-217-38

Query Match 0.3%; Score 13.2; DB 1; Length 26;  
Best Local Similarity 69.2%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTCA 3287

DB 1 TTTTCTCTAGGAGATTATTTTTC 26

RESULT 1186  
US-09-527-345-7  
; Sequence 7, Application US/09527345  
; Patent No. 6331413  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Adler, David A.  
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE  
; FILE REFERENCE: 97-71  
; CURRENT APPLICATION NUMBER: US/09/527,345  
; CURRENT FILING DATE: 1999-03-17  
; PRIOR APPLICATION NUMBER: US 60/124,820  
; PRIOR FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 7  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
; US-09-527-345-7

Query Match 0.3%; Score 13.2; DB 1; Length 26;  
Best Local Similarity 69.2%; Pred. No. 1.3e+03;  
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3262 TATTTATTGCTTGTCTCTTTTCA 3287  
DB 1 TTTTCTCTAGGAGATTATTTTTC 26

RESULT 1187  
US-09-923-246-38  
; Sequence 38, Application US/09923246  
; Patent No. 6605272  
; GENERAL INFORMATION:  
; APPLICANT: No. 6605272ak, Julia E.  
; APPLICANT: Presnell, Scott R.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Holly, Richard D.  
; APPLICANT: Gross, Jane A.  
; APPLICANT: Johnston, Janet V.  
; APPLICANT: Nelson, Andrew J.  
; APPLICANT: Dillon, Stacey R.  
; APPLICANT: Hammond, Angela K.  
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
; FILE REFERENCE: 99-16  
; CURRENT APPLICATION NUMBER: US/09/923,246  
; CURRENT FILING DATE: 2001-08-03  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217  
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11  
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013  
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01  
; NUMBER OF SEQ ID NOS: 115  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 38  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC7764a  
; US-09-923-246-38

Query Match 0.3%; Score 13.2; DB 1; Length 26;  
Best Local Similarity 69.2%; Pred. No. 1.3e+03;



Query Match 0.3%; Score 13.2; DB 1; Length 30;  
Best Local Similarity 69.2%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3310 TTTTCTTTAGGAGATTATTTTGG 3335  
DB 30 TTTTCTTTAGGAGATTATTTTGG 5

RESULT 1191  
US-08-787-321-12/c  
; Sequence 12, Application US/08787321A  
; Patent No. 6180777  
; GENERAL INFORMATION:  
; APPLICANT: HORN, THOMAS  
; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS  
; FILE REFERENCE: (1300)-1199.002  
; CURRENT APPLICATION NUMBER: US/08/787,321A  
; CURRENT FILING DATE: 1997-01-03  
; EARLIER APPLICATION NUMBER: US PROV 60/009,918  
; EARLIER FILING DATE: 1996-01-12  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:  
; OTHER INFORMATION: oligonucleotide  
US-08-787-321-12

Query Match 0.3%; Score 13.2; DB 1; Length 30;  
Best Local Similarity 69.2%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3310 TTTTCTTTAGGAGATTATTTTGG 3335  
DB 30 TTTTCTTTAGGAGATTATTTTGG 5

RESULT 1192  
5478746-1/c  
; Patent No. 5478746  
; APPLICANT: COHEN, JEFFREY I.; PURCELL, ROBERT H.; FEINSTONE, STEPHEN M.; TICEHURST, JOHN R.  
; TITLE OF INVENTION: CDNA ENCODING ATTENUATED CELL CULTURE  
; ADAPTED HEPATITIS A VIRUS GENOME  
; NUMBER OF SEQUENCES: 2  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/120,646  
; FILING DATE: 13-SEP-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 789,640  
; FILING DATE: 12-NOV-1991  
; APPLICATION NUMBER: 462,916  
; FILING DATE: 12-JAN-1990  
; APPLICATION NUMBER: 88,220  
; FILING DATE: 24-AUG-1987  
; APPLICATION NUMBER: 905,146  
; FILING DATE: 09-SEP-1986  
; APPLICATION NUMBER: 652,067  
; FILING DATE: 19-SEP-1984  
; APPLICATION NUMBER: 366,165  
; FILING DATE: 07-APR-1982  
; SEQ ID NO:1  
; LENGTH: 33  
5478746-1

Query Match 0.3%; Score 13.2; DB 1; Length 33;  
Best Local Similarity 69.2%; Pred. No. 1.5e+03;  
Matches 18; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 3260 GATATTTATTTGCTTTGTCCTTTT 3285  
DB 30 GCTTTTTTTTTTTTTTTTTTTTTT 5

RESULT 1193  
US-08-849-021-13/c  
; Sequence 13, Application US/08849021  
; Patent No. 5955276  
; GENERAL INFORMATION:  
; APPLICANT: MORGANTE, MICHELE  
; APPLICANT: VOGEL, JULIE M.  
; TITLE OF INVENTION: COMPOUND MICROSATELLITE  
; TITLE OF INVENTION: PRIMERS FOR THE  
; TITLE OF INVENTION: DETECTION OF GENETIC  
; TITLE OF INVENTION: POLYMORPHISMS  
; NUMBER OF SEQUENCES: 89  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
; ADDRESSEE: COMPANY  
; STREET: 1007 MARKET STREET  
; CITY: WILMINGTON  
; STATE: DELAWARE  
; COUNTRY: U.S.A.  
; ZIP: 19898  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/849,021  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/346,456  
; FILING DATE: 28 NOVEMBER 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FLOYD, LINDA AXAMETHY  
; REGISTRATION NUMBER: 33,692  
; REFERENCE/DOCKET NUMBER: BB-1064-A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 302-892-8112  
; TELEFAX: 302-992-7949  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 13 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-849-021-13

Query Match 0.3%; Score 13; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGT 2330  
DB 13 TGTGTGTGTGTGT 1

RESULT 1194  
US-08-849-021-15  
; Sequence 15, Application US/08849021  
; Patent No. 5955276  
; GENERAL INFORMATION:  
; APPLICANT: MORGANTE, MICHELE  
; APPLICANT: VOGEL, JULIE M.  
; TITLE OF INVENTION: COMPOUND MICROSATELLITE  
; TITLE OF INVENTION: PRIMERS FOR THE  
; TITLE OF INVENTION: DETECTION OF GENETIC

;; TITLE OF INVENTION: POLYMORPHISMS  
;; NUMBER OF SEQUENCES: 89  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: E. I. DU PONT DE NEMOURS AND  
;; ADDRESSEE: COMPANY  
;; STREET: 1007 MARKET STREET  
;; CITY: WILMINGTON  
;; STATE: DELAWARE  
;; COUNTRY: U.S.A.  
;; ZIP: 19898  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: FLOPPY DISK  
;; COMPUTER: IBM PC COMPATIBLE  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PATENT IN RELEASE #1.0, VERSION 1.25  
;; CURRENT APPLICATION NUMBER: US/08/849,021  
;; FILING DATE:  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/346,456  
;; FILING DATE: 28 NOVEMBER 1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: FLOYD, LINDA AXAMETHY  
;; REGISTRATION NUMBER: 33,692  
;; REFERENCE/DOCKET NUMBER: BB-1064-A  
;; TELEPHONE: 302-892-8112  
;; TELEFAX: 302-992-7949  
;; INFORMATION FOR SEQ ID NO: 15:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 13 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; US-08-849-021-15

Query Match 0.3%; Score 13; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGT 2330  
Db 1 TGTGTGTGTGTGT 13

RESULT 1195  
US-09-393-783A-41  
; Sequence 41, Application US/09393783A  
; Patent No. 6355428  
; GENERAL INFORMATION:  
; APPLICANT: Schroth, Gary P.  
; APPLICANT: Bruice, Thomas Wayne  
; APPLICANT: Suh, Young J.  
; TITLE OF INVENTION: Nucleic Acid Ligand Interaction Assays  
; FILE REFERENCE: 4600-0128-30  
; CURRENT APPLICATION NUMBER: US/09/393,783A  
; CURRENT FILING DATE: 1999-10-09  
; PRIOR APPLICATION NUMBER: US 09/151,890  
; PRIOR FILING DATE: 1998-09-11  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 41  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_binding  
; LOCATION: (1)..(13)  
; OTHER INFORMATION: synthesized test oligonucleotide for binding  
; OTHER INFORMATION: studies  
US-09-393-783A-41

Query Match 0.3%; Score 13; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTG 2331  
Db 1 GTGTGTGTGTGTG 13

RESULT 1196  
US-09-151-890B-41  
; Sequence 41, Application US/09151890B  
; Patent No. 6420109  
; GENERAL INFORMATION:  
; APPLICANT: Gary P. Schroth  
; APPLICANT: Thomas Wayne Bruice  
; APPLICANT: Young J. Suh  
; TITLE OF INVENTION: Nucleic Acid Ligand Interaction Assays  
; FILE REFERENCE: 4600-0128  
; CURRENT APPLICATION NUMBER: US/09/151,890B  
; CURRENT FILING DATE: 1998-09-11  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 41  
; LENGTH: 13  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc\_binding  
; LOCATION: (1)..(13)  
; OTHER INFORMATION: synthesized test oligonucleotide for binding  
; OTHER INFORMATION: studies  
US-09-151-890B-41

Query Match 0.3%; Score 13; DB 1; Length 13;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTG 2331  
Db 1 GTGTGTGTGTGTG 13

RESULT 1197  
US-09-913-514-27  
; Sequence 27, Application US/09913514  
; Patent No. 6653089  
; GENERAL INFORMATION:  
; APPLICANT: GOMI, Yasuyuki  
; APPLICANT: SUNAMACHI, Hiroki  
; APPLICANT: TAKAHASHI, Michiaki  
; APPLICANT: YAMANISHI, Koichi  
; TITLE OF INVENTION: Method for Quality Control of an Attenuated Varicella Live Vaccine  
; FILE REFERENCE: 0216-0454P  
; CURRENT APPLICATION NUMBER: US/09/913,514  
; CURRENT FILING DATE: 2001-12-07  
; PRIOR APPLICATION NUMBER: PCT/JP01/00678  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: JP 2000-62734  
; PRIOR FILING DATE: 2000-01-31  
; NUMBER OF SEQ ID NOS: 42  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 27  
; LENGTH: 14  
; TYPE: DNA  
; ORGANISM: Varicella virus  
US-09-913-514-27

Query Match 0.3%; Score 13; DB 1; Length 14;  
Best Local Similarity 100.0%; Pred. No. 6.6e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



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QY 2832 ATATATATATATA 2844
Db 2 ATATATATATATA 14

RESULT 1198
US-09-913-514-27/c
; Sequence 27, Application US/09913514
; Patent No. 6653069
; GENERAL INFORMATION:
; APPLICANT: GOMI, Yasuyuki
; APPLICANT: SUNAMACHI, Hiroki
; APPLICANT: TAKAHASHI, Michiaki
; APPLICANT: YAMANISHI, Koichi
; TITLE OF INVENTION: Method for Quality Control of an Attenuated Varicella Live Vaccine
; FILE REFERENCE: 0216-0454P
; CURRENT APPLICATION NUMBER: US/09/913,514
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: PCT/JP01/00678
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: JP 2000-62734
; PRIOR FILING DATE: 2000-01-31
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 27
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Varicella virus
US-09-913-514-27

Query Match 0.3%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2832 ATATATATATATA 2844
Db 13 ATATATATATATA 1

RESULT 1199
US-08-311-486C-147
; Sequence 147, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
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; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-147

Query Match 0.3%; Score 13; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 7.3e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 88 GGGGCGCTACAGCT 100
Db 1 GGGGCGCUACAGCU 13

RESULT 1200
PCT-US93-12600-12
; Sequence 12, Application PC/TUS9312600
; GENERAL INFORMATION:
; APPLICANT: Denner, Larry A.
; APPLICANT: Rege, Ajay A.
; TITLE OF INVENTION: ANTISENSE MOLECULES DIRECTED AGAINST A
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR RECEPTOR GENE FAMILY
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dressler, Goldsmith, Shore &
; STREET: 180 North Stetson, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/12600
; FILING DATE: 28-DEC-1993
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/999,706
; FILING DATE: December 31, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Katz, Martin L.
; REGISTRATION NUMBER: 25,011
; TELEPHONE: (312) 616-5400
; TELEFAX: (312) 616-5460
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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two

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; MOLECULE TYPE: DNA (genomic)
PCT-US93-12600-12

Query Match      0.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.3e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      619 CAGCCCCACATCC 631
      |||||
Db      2 CAGCCCCACATCC 14

RESULT 1201
US-08-753-147-182
; Sequence 182, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 182:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
US-08-753-147-182

Query Match      0.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1894 CTGACGAGGGCC 1906
      |||||
Db      2 CTGACGAGGGCC 14

RESULT 1202
US-09-371-772B-7103
; Sequence 7103, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
```

```
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7103
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-7103

Query Match      0.3%; Score 13; DB 1; Length 16;
Best Local Similarity 84.6%; Pred. No. 8e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      1794 CCAGAGTGAGTC 1806
      |||||
Db      4 CCAGAGTGAGTC 16

RESULT 1203
US-08-390-850-612
; Sequence 612, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/084
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
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## ; INFORMATION FOR SEQ ID NO: 612:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-390-850-612

Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 76.9%; Pred. No. 8.7e+02;  
Matches 10; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2685 CCAGGCTTTCCCA 2697  
| | | | | | | | | | | | | | | | | | |  
DB 2 CCAGGCUUCCCA 14

## RESULT 1204

US-08-390-850-613  
; Sequence 613, Application US/08390850  
; Patent No. 5612215

## ; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Gustofson, John  
; APPLICANT: Stinchcomb, Dan T.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS  
; NUMBER OF SEQUENCES: 1151  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

## ; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/390,850  
; FILING DATE: February 17, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/354,920  
; FILING DATE: December 13, 1994  
; APPLICATION NUMBER: 08/152,487  
; FILING DATE: No. 5612215ember 12, 1993  
; APPLICATION NUMBER: 07/989,848

## ; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 211/084  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

## ; INFORMATION FOR SEQ ID NO: 613:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-390-850-613

Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 76.9%; Pred. No. 8.7e+02;  
Matches 10; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2685 CCAGGCTTTCCCA 2697  
| | | | | | | | | | | | | | | | | | |  
DB 1 CCAGGCUUCCCA 13

## RESULT 1205

US-08-434-503-1  
; Sequence 1, Application US/08434503  
; Patent No. 5616490

## ; GENERAL INFORMATION:

; APPLICANT: Sean M. Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: TREATMENT OF INFLAMMATORY  
; TITLE OF INVENTION: DISEASE  
; NUMBER OF SEQUENCES: 54  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 611 West Sixth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: USA  
; ZIP: 90017

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM MS-DOS (Version 5.0)  
; SOFTWARE: WordPerfect (Version 5.1)  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/434,503  
; FILING DATE: 04-MAY-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/008,895  
; FILING DATE: 19-JAN-1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 200/276  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

## ; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-434-503-1

Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2972 AGCAGAGGACCAG 2984  
| | | | | | | | | | | | | | | | | | |  
DB 2 AGCAGAGGACCAG 14

## RESULT 1206

US-08-373-124A-1060/C  
; Sequence 1060, Application US/08373124A  
; Patent No. 5646042

## ; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

```

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1060:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1060

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2833 TATATATATATAA 2845
DB 13 TATATATATATAA 1

RESULT 1207
US-08-373-124A-1517
; Sequence 1517, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

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; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1517:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1517

Query Match 0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 84.6%; Pred. No. 8.7e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3078 AACACTTCCAGCA 3090
DB 3 AACACUCCAGCA 15

RESULT 1208
US-08-373-124A-1519
; Sequence 1519, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/08/373,124A  
 FILING DATE: January 13, 1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/245,466  
 FILING DATE: May 18, 1994  
 APPLICATION NUMBER: 08/192,943  
 FILING DATE: February 7, 1994  
 APPLICATION NUMBER: 07/987,132  
 FILING DATE: December 7, 1992  
 APPLICATION NUMBER: 07/936,422  
 FILING DATE: August 26, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 209/035  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 1519:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-373-124A-1519

Query Match 0.3%; Score 13; DB 1; Length 17;  
 Best Local Similarity 84.6%; Pred. No. 8.7e+02;  
 Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3078 AACACTTCCAGCA 3090  
 DB 2 AACACUCCAGCA 14

## RESULT 1209

US-08-435-634-612  
 Sequence 612, Application US/08435634  
 Patent No. 5731295

GENERAL INFORMATION:  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Gustofson, John  
 APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
 TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 1151  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Fast-SEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/435,634  
 FILING DATE: 05-MAY-1995  
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/390,850  
 FILING DATE: February 17, 1995  
 APPLICATION NUMBER: 08/354,920  
 FILING DATE: December 13, 1994  
 APPLICATION NUMBER: 08/152,487

FILING DATE: No. 5731295, September 12, 1993  
 APPLICATION NUMBER: 07/989,848  
 FILING DATE: December 7, 1992  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 211/084  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (213) 489-1600  
 TELEFAX: (213) 955-0440  
 TELEX: 67-3510  
 INFORMATION FOR SEQ ID NO: 612:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 17 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 US-08-435-634-612

Query Match 0.3%; Score 13; DB 1; Length 17;  
 Best Local Similarity 76.9%; Pred. No. 8.7e+02;  
 Matches 10; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2685 CCAGCTTCCCA 2697  
 DB 2 CCAGCUUCCCA 14

## RESULT 1210

US-08-435-634-613  
 Sequence 613, Application US/08435634  
 Patent No. 5731295

GENERAL INFORMATION:  
 APPLICANT: Draper, Kenneth G.  
 APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Gustofson, John  
 APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT  
 TITLE OF INVENTION: OF ARTHRITIC CONDITIONS

NUMBER OF SEQUENCES: 1151  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Los Angeles  
 STATE: California  
 COUNTRY: U.S.A.  
 ZIP: 90071

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Fast-SEQ Version 1.5  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/435,634  
 FILING DATE: 05-MAY-1995  
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/390,850  
 FILING DATE: February 17, 1995  
 APPLICATION NUMBER: 08/354,920  
 FILING DATE: December 13, 1994  
 APPLICATION NUMBER: 08/152,487  
 FILING DATE: No. 5731295, September 12, 1993  
 APPLICATION NUMBER: 07/989,848  
 FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
 NAME: Warburg, Richard  
 REGISTRATION NUMBER: 32,327  
 REFERENCE/DOCKET NUMBER: 211/084  
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 613:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-634-613

Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 76.9%; Pred. No. 8.7e+02;  
Matches 10; Conservative 3; Mismatches 0; Indels 0;

QY 2685 CCAGGCTTCCCA 2697  
Db 1 CCAGGCUUCCCA 13

RESULT 1211  
US-08-758-306-1293  
; Sequence 1293, Application US/08758306  
; Patent No. 5807743  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES  
; TITLE OF INVENTION: ASSOCIATED WITH  
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR  
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION  
; NUMBER OF SEQUENCES: 1379  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
FILING DATE: December 3, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 212/132  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1293:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-758-306-1293  
Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 84.6%; Pred. No. 8.7e+02;  
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 991 CTGGGCTCCCCA 1003  
Db 2 CUGGCUCCCCA 14

RESULT 1212  
US-08-435-628-1060/c  
; Sequence 1060, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1060:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-435-628-1060

Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 8.7e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2833 TATATATATATA 2845  
Db 13 TATATATATATA 1

RESULT 1213  
US-08-435-628-1517  
; Sequence 1517, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1517:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-435-628-1517  
Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 84.8%; Pred. No. 8.7e+02;  
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3078 AACACTTCCAGCA 3090  
Db 3 AACACUCCAGCA 15

RESULT 1214  
US-08-435-628-1519  
; Sequence 1519, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1519:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-435-628-1519  
Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 84.6%; Pred. No. 8.7e+02;  
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3078 AACACTTCCAGCA 3090  
Db 2 AACACUCCAGCA 14

RESULT 1215  
US-08-584-040-7864  
; Sequence 7864, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
/ TITLE OF INVENTION: GROWTH FACTOR  
/ NUMBER OF SEQUENCES: 8502  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Lyon & Lyon  
/ STREET: 633 West Fifth Street  
/ STREET: Suite 4700  
/ CITY: Los Angeles  
/ STATE: California  
/ COUNTRY: U.S.A.  
/ ZIP: 90071-2066  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ FILING DATE: January 11, 1996  
/ APPLICATION NUMBER: US/08/584,040  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 60/005,974  
/ FILING DATE: October 26, 1995  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard J.  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 218/064  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 7864:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 17 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-584-040-7864

Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 69.2%; Pred. No. 8.7e+02;  
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 130 TGCCACTTCAGTG 142  
Db 2 UGCCACUUCAGUG 14

RESULT 1216  
US-08-584-040-7865  
/ Sequence 7865, Application US/08584040  
/ Patent No. 6346398  
/ GENERAL INFORMATION:  
/ APPLICANT: Pavco, Pamela  
/ APPLICANT: McSwiggen, James  
/ APPLICANT: Stinchcomb, Dan T.  
/ APPLICANT: Escobedo, Jaime  
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
/ TITLE OF INVENTION: TREATMENT OF DISEASES OR  
/ TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
/ TITLE OF INVENTION: GROWTH FACTOR  
/ NUMBER OF SEQUENCES: 8502  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Lyon & Lyon  
/ STREET: 633 West Fifth Street  
/ STREET: Suite 4700  
/ CITY: Los Angeles  
/ STATE: California  
/ COUNTRY: U.S.A.  
/ ZIP: 90071-2066  
/ COMPUTER READABLE FORM:

/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ FILING DATE: January 11, 1996  
/ APPLICATION NUMBER: US/08/584,040  
/ CLASSIFICATION: 514  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 60/005,974  
/ FILING DATE: October 26, 1995  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard J.  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 218/064  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 7865:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 17 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-584-040-7865

Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 69.2%; Pred. No. 8.7e+02;  
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 130 TGCCACTTCAGTG 142  
Db 1 UGCCACUUCAGUG 13

RESULT 1217  
US-09-474-432B-324  
/ Sequence 324, Application US/0947432B  
/ Patent No. 6528640  
/ GENERAL INFORMATION:  
/ APPLICANT: Ribozyne Pharmaceuticals, Inc.  
/ APPLICANT: Beigelman, Leo  
/ APPLICANT: Burgin, Alex  
/ APPLICANT: Beaudry, Amber  
/ APPLICANT: Karpeisky, Alex  
/ APPLICANT: Adamic, Jasenka  
/ APPLICANT: Sweedler, David  
/ APPLICANT: Zinnen, Shawn  
/ TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleoti  
/ FILE REFERENCE: MBHB00-831-B (247/276)  
/ CURRENT APPLICATION NUMBER: US/09/474,432B  
/ CURRENT FILING DATE: 1999-12-19  
/ PRIOR APPLICATION NUMBER: US 60/064,866  
/ PRIOR FILING DATE: 1997-11-05  
/ PRIOR APPLICATION NUMBER: US 60/084,727  
/ PRIOR FILING DATE: 1998-04-29  
/ PRIOR APPLICATION NUMBER: US 09/186,675  
/ PRIOR FILING DATE: 1998-11-04  
/ PRIOR APPLICATION NUMBER: US 09/301,511  
/ PRIOR FILING DATE: 1999-04-28  
/ NUMBER OF SEQ ID NOS: 1526  
/ SOFTWARE: PatentIn version 3.0  
/ SEQ ID NO 324  
/ LENGTH: 17  
/ TYPE: RNA  
/ ORGANISM: Homo sapiens  
/ US-09-474-432B-324

Query Match 0.3%; Score 13; DB 1; Length 17;  
Best Local Similarity 92.3%; Pred. No. 8.7e+02;  
Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;



QY 1973 CGCGCCCTCCCA 1985  
 :|||||:|||||  
 Db 5 CGCGGCCCUCCCA 17

RESULT 1218

US-09-371-772B-3647  
 ; Sequence 3647, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 ; FILE REFERENCE: MBH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3647  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3647

Query Match 0.3%; Score 13; DB 1; Length 17;  
 Best Local Similarity 69.2%; Pred. No. 8.7e+02;  
 Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 130 TGCCACTTCAGTG 142  
 :|||||:|||||  
 Db 2 UGCCACUUCAGUG 14

RESULT 1219

US-09-371-772B-3648  
 ; Sequence 3648, Application US/09371772B  
 ; Patent No. 6566127  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Pavco, Pam  
 ; APPLICANT: McSwiggen, Jim  
 ; APPLICANT: Stinchcomb, Dan  
 ; APPLICANT: Escobedo, Jaime  
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
 ; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
 ; FILE REFERENCE: MBH00,876-J (237/198)  
 ; CURRENT APPLICATION NUMBER: US/09/371,772B  
 ; CURRENT FILING DATE: 1999-08-10  
 ; PRIOR APPLICATION NUMBER: US 60/005,974  
 ; PRIOR FILING DATE: 1995-10-26  
 ; PRIOR APPLICATION NUMBER: US 08/584,040  
 ; PRIOR FILING DATE: 1996-01-08  
 ; NUMBER OF SEQ ID NOS: 14225  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 3648  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Mus sp.  
 US-09-371-772B-3648

Query Match 0.3%; Score 13; DB 1; Length 17;  
 Best Local Similarity 69.2%; Pred. No. 8.7e+02;  
 Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 130 TGCCACTTCAGTG 142  
 :|||||:|||||  
 Db 1 UGCCACUUCAGUG 13

RESULT 1220

US-09-476-387-323  
 ; Sequence 323, Application US/09476387  
 ; Patent No. 6617438  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
 ; APPLICANT: Beigelman, Leo  
 ; APPLICANT: Beaudry, Amber  
 ; APPLICANT: Karpeisky, Alex  
 ; APPLICANT: Adamic, Jasenka Matulic  
 ; APPLICANT: Szedler, Dave  
 ; APPLICANT: Zinnen, Shawn  
 ; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
 ; FILE REFERENCE: MBH00-831-C (249/073)  
 ; CURRENT APPLICATION NUMBER: US/09/476,387  
 ; CURRENT FILING DATE: 2001-04-04  
 ; PRIOR APPLICATION NUMBER: 09/474,432  
 ; PRIOR FILING DATE: 1999-12-29  
 ; PRIOR APPLICATION NUMBER: 09/301,511  
 ; PRIOR FILING DATE: 1999-04-28  
 ; PRIOR APPLICATION NUMBER: 09/186,675  
 ; PRIOR FILING DATE: 1998-11-04  
 ; PRIOR APPLICATION NUMBER: 60/083,727  
 ; PRIOR FILING DATE: 1998-04-29  
 ; PRIOR APPLICATION NUMBER: 60/064,866  
 ; PRIOR FILING DATE: 1997-11-05  
 ; NUMBER OF SEQ ID NOS: 1524  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 323  
 ; LENGTH: 17  
 ; TYPE: RNA  
 ; ORGANISM: Homo sapiens  
 US-09-476-387-323

Query Match 0.3%; Score 13; DB 1; Length 17;  
 Best Local Similarity 92.3%; Pred. No. 8.7e+02;  
 Matches 12; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1973 CGCGCCCTCCCA 1985  
 :|||||:|||||  
 Db 5 CGCGGCCCUCCCA 17

RESULT 1221

US-09-866-108A-1534  
 ; Sequence 1534, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AEOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1534
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1534

Query Match      0.3%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      13 GGGCTGGTGCCT 25
Db      5 GGGCTGGTGCCT 17

RESULT 1222
US-09-866-108A-1535
; Sequence 1535, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1535
; LENGTH: 17
; TYPE: DNA
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; ORGANISM: Homo sapiens
US-09-866-108A-1535

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Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      13 GGGCTGGTGCCT 25
Db      4 GGGCTGGTGCCT 16

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; Sequence 6, Application US/09711619
; Patent No. 6750380
; GENERAL INFORMATION:
; APPLICANT: Johal, Gurmukh S
; APPLICANT: Multani, Dilbag S
; TITLE OF INVENTION: SORGHUM DWARFING GENES AND METHODS OF USE
; FILE REFERENCE: 5718-100 (035718/205458)
; CURRENT APPLICATION NUMBER: US/09/711,619
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: 60/165,176
; PRIOR FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: primer designed from sequence of Zea mays Br2 gene
US-09-711-619-6

Query Match      0.3%; Score 13; DB 1; Length 17;
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Search completed: October 28, 2004, 12:11:42
Job time : 88 secs
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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 12:19:39 ; Search time 102 Seconds  
(without alignments)  
3.661 Million cell updates/sec

Title: US-10-630-401-10

Perfect score: 3799

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Scoring table: IDENTITY NUC

Gapop 10\_0 , Gapext 0.5

Searched: 2392 seqs, 49143 residues

Total number of hits satisfying chosen parameters: 4784

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1523 summaries

Database : rnpb10.seq.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

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Sequence 12, Appl	20	US-10-403-161-146	20	0.5	20	c 323
Sequence 12, Appl	20	US-10-450-859-12	20	0.5	20	c 324



399	17.2	0.5	23	1	US-10-075-846-40	Sequence 40, Appl	C 472	16.8	0.4	20	1	US-09-263-959-596	Sequence 596, App
400	17.2	0.5	23	1	US-10-056-884-33	Sequence 33, Appl	C 473	16.8	0.4	20	1	US-10-167-547C-42	Sequence 42, Appl
401	17.2	0.5	23	1	US-10-080-980-30	Sequence 30, Appl	474	16.8	0.4	20	1	US-10-319-893-53	Sequence 53, Appl
402	17.2	0.5	23	1	US-10-082-135-40	Sequence 40, Appl	C 475	16.8	0.4	20	1	US-10-319-893-128	Sequence 128, App
403	17.2	0.5	23	1	US-10-086-156-60	Sequence 60, Appl	C 476	16.8	0.4	20	1	US-10-671-395-1147	Sequence 1147, Ap
404	17.2	0.5	23	1	US-10-081-775-30	Sequence 30, Appl	C 477	16.8	0.4	20	1	US-10-671-395-1158	Sequence 1158, Ap
405	17.2	0.5	23	1	US-10-092-771-43	Sequence 43, Appl	C 478	16.8	0.4	20	1	US-10-671-395-1388	Sequence 1388, Ap
406	17.2	0.5	23	1	US-10-067-443-35	Sequence 35, Appl	C 479	16.8	0.4	20	1	US-10-671-395-1396	Sequence 1396, Ap
407	17.2	0.5	23	1	US-10-104-943-96	Sequence 96, Appl	C 480	16.8	0.4	20	1	US-10-659-473-23	Sequence 23, Appl
408	17.2	0.5	23	1	US-10-120-604-142	Sequence 142, App	C 481	16.8	0.4	21	1	US-10-118-783-93	Sequence 93, Appl
409	17.2	0.5	23	1	US-10-067-649-56	Sequence 56, Appl	482	16.8	0.4	21	1	US-10-786-720-11535	Sequence 11535, A
410	17.2	0.5	23	1	US-10-067-800-25	Sequence 25, Appl	C 483	16.8	0.4	21	1	US-10-786-720-11544	Sequence 11544, A
411	17.2	0.5	23	1	US-10-133-797-34	Sequence 34, Appl	C 484	16.8	0.4	21	1	US-10-786-720-17095	Sequence 17095, A
412	17.2	0.5	23	1	US-10-174-613-55	Sequence 55, Appl	C 485	16.8	0.4	21	1	US-10-786-720-17107	Sequence 17107, A
413	17.2	0.5	23	1	US-10-071-458-42	Sequence 42, Appl	C 486	16.8	0.4	21	1	US-10-786-720-17455	Sequence 17455, A
414	17.2	0.5	23	1	US-10-116-519-107	Sequence 107, App	487	16.8	0.4	21	1	US-10-786-720-17457	Sequence 17457, A
415	17.2	0.5	23	1	US-10-173-461-30	Sequence 30, Appl	C 488	16.8	0.4	21	1	US-10-786-720-18280	Sequence 18280, A
416	17.2	0.5	23	1	US-10-153-604A-35	Sequence 35, Appl	C 489	16.8	0.4	21	1	US-10-786-720-18292	Sequence 18292, A
417	17.2	0.5	23	1	US-10-341-226-14	Sequence 14, Appl	C 490	16.8	0.4	21	1	US-10-786-720-18643	Sequence 18643, A
418	17.2	0.5	23	1	US-10-153-244-274	Sequence 274, App	C 491	16.8	0.4	21	1	US-10-786-720-18645	Sequence 18645, A
419	17.2	0.5	23	1	US-10-199-869-43	Sequence 43, Appl	492	16.8	0.4	22	1	US-09-263-959-753	Sequence 753, App
420	17.2	0.5	23	1	US-10-210-152-272	Sequence 272, App	C 493	16.8	0.4	22	1	US-09-312-679-60	Sequence 60, Appl
421	17.2	0.5	23	1	US-10-234-951A-28	Sequence 28, Appl	C 494	16.8	0.4	22	1	US-09-466-035-60	Sequence 16, Appl
422	17.2	0.5	23	1	US-10-135-839-25	Sequence 25, Appl	495	16.8	0.4	23	1	US-09-988-899-16	Sequence 17, Appl
423	17.2	0.5	23	1	US-10-159-339-49	Sequence 49, Appl	496	16.8	0.4	23	1	US-09-988-899-17	Sequence 85, Appl
424	17.2	0.5	23	1	US-10-120-398-38	Sequence 38, Appl	497	16.8	0.4	23	1	US-09-911-904-85	Sequence 3, Appl
425	17.2	0.5	23	1	US-10-120-414-38	Sequence 38, Appl	498	16.8	0.4	23	1	US-10-319-221-3	Sequence 53, Appl
426	17.2	0.5	23	1	US-10-120-377-38	Sequence 38, Appl	499	16.8	0.4	24	1	US-10-110-707A-53	Sequence 300, App
427	17.2	0.5	23	1	US-10-322-673-8	Sequence 8, Appl	500	16.8	0.4	24	1	US-10-737-252-300	Sequence 4, Appl
428	17.2	0.5	23	1	US-10-264-171-21	Sequence 21, Appl	C 501	16.8	0.4	36	1	US-09-828-034-4	Sequence 106, App
429	17.2	0.5	23	1	US-10-271-078-55	Sequence 55, Appl	C 502	16.6	0.4	23	1	US-09-973-025-106	Sequence 106, App
430	17.2	0.5	23	1	US-10-139-785-8	Sequence 8, Appl	C 503	16.6	0.4	23	1	US-09-899-303-106	Sequence 106, App
431	17.2	0.5	23	1	US-10-295-693-56	Sequence 56, Appl	C 504	16.6	0.4	23	1	US-09-995-808-106	Sequence 106, App
432	17.2	0.5	23	1	US-10-350-516-38	Sequence 38, Appl	C 505	16.6	0.4	23	1	US-09-995-860-106	Sequence 106, App
433	17.2	0.5	23	1	US-10-319-315-61	Sequence 61, Appl	C 506	16.6	0.4	23	1	US-09-995-791-106	Sequence 106, App
434	17.2	0.5	23	1	US-10-411-284-15	Sequence 15, Appl	C 507	16.6	0.4	23	1	US-10-357-448-34	Sequence 34, Appl
435	17.2	0.5	23	1	US-10-405-793-272	Sequence 272, App	C 508	16.6	0.4	23	1	US-10-649-413-6	Sequence 6, Appl
436	17.2	0.5	23	1	US-10-126-103-172	Sequence 172, App	C 509	16.6	0.4	23	1	US-10-321-798-106	Sequence 106, App
437	17.2	0.5	23	1	US-10-232-486-8	Sequence 8, Appl	C 510	16.4	0.4	18	1	US-09-888-326-85	Sequence 85, Appl
438	17.2	0.5	23	1	US-10-238-215-13	Sequence 13, Appl	C 511	16.4	0.4	18	1	US-09-888-326-85	Sequence 85, Appl
439	17.2	0.5	23	1	US-10-390-585-70	Sequence 70, Appl	C 512	16.4	0.4	19	1	US-09-263-959-836	Sequence 836, App
440	17.2	0.5	23	1	US-10-649-273-35	Sequence 35, Appl	C 513	16.4	0.4	19	1	US-10-665-951-390	Sequence 390, App
441	17.2	0.5	23	1	US-10-651-722-35	Sequence 35, Appl	C 514	16.4	0.4	19	1	US-10-665-951-817	Sequence 817, App
442	17.2	0.5	23	1	US-10-351-891-14	Sequence 14, Appl	C 515	16.4	0.4	20	1	US-09-967-655-59	Sequence 59, Appl
443	17.2	0.5	23	1	US-10-334-360-17	Sequence 17, Appl	C 516	16.4	0.4	20	1	US-09-961-001-59	Sequence 59, Appl
444	17.2	0.5	23	1	US-10-431-096-172	Sequence 172, App	C 517	16.4	0.4	20	1	US-10-671-395-1098	Sequence 1098, Ap
445	17.2	0.5	23	1	US-10-803-622-83	Sequence 83, Appl	C 518	16.4	0.4	21	1	US-09-232-785-5	Sequence 5, Appl
446	17.2	0.5	23	1	US-10-803-653-83	Sequence 83, Appl	C 519	16.4	0.4	21	1	US-10-371-961-28	Sequence 28, Appl
447	17.2	0.5	23	1	US-10-615-659-69	Sequence 69, Appl	C 520	16.4	0.4	21	1	US-10-371-443-28	Sequence 28, Appl
448	17.2	0.5	23	1	US-10-635-977-69	Sequence 69, Appl	C 521	16.4	0.4	21	1	US-10-379-866-28	Sequence 28, Appl
449	17.2	0.5	26	1	US-10-085-906-357	Sequence 357, App	C 522	16.4	0.4	21	1	US-10-371-962-28	Sequence 205, App
450	17	0.4	17	1	US-09-988-221A-18	Sequence 18, Appl	523	16.4	0.4	21	1	US-10-452-510-205	Sequence 205, App
451	17	0.4	17	1	US-09-958-221A-20	Sequence 20, Appl	524	16.4	0.4	21	1	US-10-617-334-205	Sequence 205, App
452	17	0.4	17	1	US-09-953-047-4	Sequence 4, Appl	C 525	16.4	0.4	21	1	US-10-665-971-28	Sequence 28, Appl
453	17	0.4	17	1	US-10-630-401-4	Sequence 4, Appl	526	16.4	0.4	21	1	US-10-745-377-119	Sequence 119, App
454	17	0.4	17	1	US-10-138-674-8257	Sequence 8257, Ap	C 527	16.4	0.4	21	1	US-10-774-118-28	Sequence 28, Appl
455	17	0.4	17	1	US-10-138-674-8258	Sequence 8258, Ap	528	16.4	0.4	21	1	US-10-744-465-205	Sequence 205, App
456	17	0.4	17	1	US-10-138-674-8983	Sequence 8983, Ap	529	16.4	0.4	21	1	US-10-833-679-205	Sequence 205, App
457	17	0.4	17	1	US-10-287-949A-8257	Sequence 8257, Ap	530	16.4	0.4	23	1	US-09-144-886-15	Sequence 15, Appl
458	17	0.4	17	1	US-10-287-949A-8258	Sequence 8258, Ap	C 531	16.4	0.4	23	1	US-10-632-706-13	Sequence 13, Appl
459	17	0.4	17	1	US-10-287-949A-8983	Sequence 8983, Ap	C 532	16.4	0.4	24	1	US-10-085-906-21	Sequence 21, Appl
460	17	0.4	18	1	US-09-735-363A-18	Sequence 18, Appl	C 533	16.4	0.4	27	1	US-10-085-906-363	Sequence 363, App
461	17	0.4	18	1	US-09-735-363A-18	Sequence 18, Appl	C 534	16.4	0.4	28	1	US-10-085-906-147	Sequence 147, App
462	17	0.4	18	1	US-09-896-650A-28	Sequence 28, Appl	535	16.4	0.4	39	1	US-10-219-195-38	Sequence 38, Appl
463	17	0.4	18	1	US-10-011-204-1	Sequence 1, Appl	536	16.2	0.4	21	1	US-10-085-906-412	Sequence 412, App
464	17	0.4	18	1	US-10-011-204-2	Sequence 2, Appl	537	16.2	0.4	21	1	US-10-085-906-472	Sequence 472, App
465	17	0.4	20	1	US-10-189-267-141	Sequence 141, App	C 538	16.2	0.4	21	1	US-10-083-246A-108	Sequence 108, App
466	17	0.4	20	1	US-10-189-267-262	Sequence 262, App	539	16.2	0.4	21	1	US-10-309-548-18	Sequence 18, Appl
467	17	0.4	20	1	US-10-671-395-1191	Sequence 1191, Ap	C 540	16.2	0.4	21	1	US-10-648-593-557	Sequence 557, App
468	17	0.4	21	1	US-10-786-720-11539	Sequence 11539, A	C 541	16.2	0.4	21	1	US-10-786-720-11536	Sequence 11536, A
469	16.8	0.4	20	1	US-09-969-373-2420	Sequence 2420, Ap	542	16.2	0.4	21	1	US-10-786-720-11664	Sequence 11664, A
470	16.8	0.4	20	1	US-09-969-373-2422	Sequence 2422, Ap	543	16.2	0.4	21	1	US-10-786-720-12985	Sequence 12985, A
471	16.8	0.4	20	1	US-09-263-959-596	Sequence 596, App	C 544	16.2	0.4	21	1	US-10-786-720-17098	Sequence 17098, A

c 545	16.2	0.4	21	1	US-10-786-720-17101	Sequence 17101, A	c 618	15.8	0.4	20	1	US-09-888-361-133	Sequence 133, App
c 546	16.2	0.4	21	1	US-10-786-720-17104	Sequence 17104, A	c 619	15.8	0.4	20	1	US-09-920-677-24	Sequence 24, Appl
c 547	16.2	0.4	21	1	US-10-786-720-17614	Sequence 17614, A	c 620	15.8	0.4	20	1	US-09-781-7123-20	Sequence 20, Appl
c 548	16.2	0.4	21	1	US-10-786-720-18283	Sequence 18283, A	c 621	15.8	0.4	20	1	US-10-243-035-5	Sequence 5, Appl
c 549	16.2	0.4	21	1	US-10-786-720-18286	Sequence 18286, A	c 622	15.8	0.4	20	1	US-10-184-191-5	Sequence 5, Appl
c 550	16.2	0.4	21	1	US-10-786-720-18289	Sequence 18289, A	c 623	15.8	0.4	20	1	US-10-143-266-6	Sequence 6, Appl
c 551	16.2	0.4	21	1	US-10-786-720-18802	Sequence 18802, A	c 624	15.8	0.4	20	1	US-10-006-191-136	Sequence 136, App
c 552	16.2	0.4	22	1	US-10-184-372-11	Sequence 11, Appl	c 625	15.8	0.4	20	1	US-10-006-191-136	Sequence 136, App
c 553	16.2	0.4	22	1	US-10-298-215-12	Sequence 12, Appl	c 626	15.8	0.4	20	1	US-10-238-442-65	Sequence 53, Appl
c 554	16.2	0.4	23	1	US-09-805-761-45	Sequence 45, Appl	c 627	15.8	0.4	20	1	US-10-144-488-53	Sequence 53, Appl
c 555	16.2	0.4	23	1	US-09-939-769-8	Sequence 8, Appl	c 628	15.8	0.4	20	1	US-10-177-573-63	Sequence 63, Appl
c 556	16.2	0.4	23	1	US-09-939-769-12	Sequence 12, Appl	c 629	15.8	0.4	20	1	US-10-177-573-63	Sequence 63, Appl
c 557	16.2	0.4	23	1	US-09-988-115A-11	Sequence 11, Appl	c 630	15.8	0.4	20	1	US-10-188-883-53	Sequence 53, Appl
c 558	16.2	0.4	23	1	US-09-988-115A-17	Sequence 17, Appl	c 631	15.8	0.4	20	1	US-10-296-242-5	Sequence 5, Appl
c 559	16.2	0.4	23	1	US-09-988-115A-24	Sequence 24, Appl	c 632	15.8	0.4	20	1	US-10-300-611-64	Sequence 64, Appl
c 560	16.2	0.4	23	1	US-10-232-563-20	Sequence 20, Appl	c 633	15.8	0.4	20	1	US-10-302-028-16	Sequence 16, Appl
c 561	16.2	0.4	23	1	US-10-388-578-41	Sequence 41, Appl	c 634	15.8	0.4	20	1	US-10-302-028-53	Sequence 53, Appl
c 562	16.2	0.4	23	1	US-10-389-431-41	Sequence 41, Appl	c 635	15.8	0.4	20	1	US-10-317-391-40	Sequence 40, Appl
c 563	16	0.4	16	1	US-09-263-959-541	Sequence 541, App	c 636	15.8	0.4	20	1	US-10-317-391-108	Sequence 108, App
c 564	16	0.4	16	1	US-09-263-959-544	Sequence 544, App	c 637	15.8	0.4	20	1	US-10-319-893-54	Sequence 54, Appl
c 565	16	0.4	16	1	US-10-092-885-27	Sequence 27, Appl	c 638	15.8	0.4	20	1	US-10-319-893-129	Sequence 129, App
c 566	16	0.4	16	1	US-10-138-674-6068	Sequence 6068, Ap	c 639	15.8	0.4	20	1	US-10-671-395-1011	Sequence 1011, Ap
c 567	16	0.4	16	1	US-10-138-674-6069	Sequence 6069, Ap	c 640	15.8	0.4	20	1	US-10-671-395-1107	Sequence 1107, Ap
c 568	16	0.4	16	1	US-10-287-949A-6068	Sequence 6068, Ap	c 641	15.8	0.4	20	1	US-10-671-395-1696	Sequence 1696, Ap
c 569	16	0.4	16	1	US-10-287-949A-6069	Sequence 6069, Ap	c 642	15.8	0.4	20	1	US-10-671-395-1711	Sequence 1711, Ap
c 570	16	0.4	17	1	US-09-263-959-557	Sequence 557, App	c 643	15.8	0.4	20	1	US-10-664-639A-36	Sequence 36, Appl
c 571	16	0.4	17	1	US-09-263-959-705	Sequence 705, App	c 644	15.8	0.4	20	1	US-10-641-455A-65	Sequence 65, Appl
c 572	16	0.4	17	1	US-09-263-959-970	Sequence 970, App	c 645	15.8	0.4	21	1	US-10-786-720-11534	Sequence 11534, A
c 573	16	0.4	17	1	US-09-958-221A-16	Sequence 16, Appl	c 646	15.8	0.4	21	1	US-10-786-720-11543	Sequence 11543, A
c 574	16	0.4	17	1	US-09-958-221A-17	Sequence 17, Appl	c 647	15.8	0.4	21	1	US-10-786-720-11662	Sequence 11662, A
c 575	16	0.4	17	1	US-09-958-221A-19	Sequence 19, Appl	c 648	15.8	0.4	21	1	US-10-786-720-11663	Sequence 11663, A
c 576	16	0.4	17	1	US-09-958-221A-21	Sequence 21, Appl	c 649	15.8	0.4	21	1	US-10-786-720-12986	Sequence 12986, A
c 577	16	0.4	17	1	US-10-138-674-6984	Sequence 6984, Ap	c 650	15.8	0.4	21	1	US-10-786-720-17097	Sequence 17097, A
c 578	16	0.4	17	1	US-10-287-949A-8984	Sequence 8984, Ap	c 651	15.8	0.4	21	1	US-10-786-720-17109	Sequence 17109, A
c 579	16	0.4	18	1	US-10-763-992-15	Sequence 15, Appl	c 652	15.8	0.4	21	1	US-10-786-720-17456	Sequence 17456, A
c 580	16	0.4	20	1	US-09-918-186A-235	Sequence 235, App	c 653	15.8	0.4	21	1	US-10-786-720-17615	Sequence 17615, A
c 581	16	0.4	20	1	US-10-357-488-26	Sequence 26, Appl	c 654	15.8	0.4	21	1	US-10-786-720-17616	Sequence 17616, A
c 582	16	0.4	20	1	US-10-181-316-235	Sequence 235, App	c 655	15.8	0.4	21	1	US-10-786-720-18282	Sequence 18282, A
c 583	16	0.4	20	1	US-10-467-008-110	Sequence 110, App	c 656	15.8	0.4	21	1	US-10-786-720-18294	Sequence 18294, A
c 584	16	0.4	20	1	US-10-763-992-20	Sequence 20, Appl	c 657	15.8	0.4	21	1	US-10-786-720-18644	Sequence 18644, A
c 585	16	0.4	20	1	US-10-671-395-1374	Sequence 1374, Ap	c 658	15.8	0.4	21	1	US-10-786-720-18803	Sequence 18803, A
c 586	16	0.4	20	1	US-10-671-395-1427	Sequence 1427, Ap	c 659	15.8	0.4	21	1	US-10-786-720-18804	Sequence 18804, A
c 587	16	0.4	21	1	US-10-087-229-1	Sequence 1, Appl	c 660	15.8	0.4	21	1	US-10-786-720-20858	Sequence 20858, A
c 588	16	0.4	21	1	US-10-222-943A-1	Sequence 1, Appl	c 661	15.8	0.4	21	1	US-10-786-720-20989	Sequence 20989, A
c 589	16	0.4	21	1	US-10-786-720-11540	Sequence 11540, A	c 662	15.8	0.4	21	1	US-10-786-720-20991	Sequence 20991, A
c 590	16	0.4	21	1	US-10-786-720-11541	Sequence 11541, A	c 663	15.8	0.4	22	1	US-10-159-339-88	Sequence 88, Appl
c 591	16	0.4	22	1	US-10-357-935-30	Sequence 30, Appl	c 664	15.8	0.4	30	1	US-09-725-265-9	Sequence 9, Appl
c 592	16	0.4	30	1	US-09-725-265-5	Sequence 5, Appl	c 665	15.8	0.4	30	1	US-09-891-517-9	Sequence 9, Appl
c 593	16	0.4	30	1	US-09-725-265-8	Sequence 8, Appl	c 666	15.8	0.4	30	1	US-10-209-608-9	Sequence 9, Appl
c 594	16	0.4	30	1	US-09-891-517-6	Sequence 6, Appl	c 667	15.8	0.4	30	1	US-10-683-386-9	Sequence 9, Appl
c 595	16	0.4	30	1	US-09-891-517-8	Sequence 8, Appl	c 668	15.8	0.4	41	1	US-09-920-581-9	Sequence 9, Appl
c 596	16	0.4	30	1	US-10-209-608-5	Sequence 5, Appl	c 669	15.8	0.4	41	1	US-10-371-421-9	Sequence 9, Appl
c 597	16	0.4	30	1	US-10-209-608-8	Sequence 8, Appl	c 670	15.8	0.4	42	1	US-09-876-235-12	Sequence 12, Appl
c 598	16	0.4	30	1	US-10-683-386-5	Sequence 5, Appl	c 671	15.6	0.4	21	1	US-09-782-837-15	Sequence 15, Appl
c 599	16	0.4	30	1	US-10-683-386-8	Sequence 8, Appl	c 672	15.6	0.4	22	1	US-10-005-956-1081	Sequence 1081, Ap
c 600	16	0.4	36	1	US-10-418-182-65	Sequence 65, Appl	c 673	15.6	0.4	22	1	US-10-259-451-11	Sequence 11, Appl
c 601	16	0.4	39	1	US-10-219-955-36	Sequence 36, Appl	c 674	15.6	0.4	22	1	US-10-094-466-79	Sequence 79, Appl
c 602	15.8	0.4	19	1	US-09-073-881-2	Sequence 2, Appl	c 675	15.6	0.4	22	1	US-10-409-107A-55	Sequence 55, Appl
c 603	15.8	0.4	19	1	US-09-263-959-427	Sequence 427, App	c 676	15.6	0.4	22	1	US-10-455-470-22	Sequence 22, Appl
c 604	15.8	0.4	19	1	US-10-251-117-154	Sequence 154, App	c 677	15.6	0.4	39	1	US-10-219-195-35	Sequence 35, Appl
c 605	15.8	0.4	19	1	US-10-251-117-158	Sequence 158, App	c 678	15.4	0.4	17	1	US-09-866-108-7996	Sequence 771, App
c 606	15.8	0.4	19	1	US-10-251-117-403	Sequence 403, App	c 679	15.4	0.4	17	1	US-09-825-805-771	Sequence 154, App
c 607	15.8	0.4	19	1	US-10-251-117-407	Sequence 407, App	c 680	15.4	0.4	17	1	US-09-730-289B-154	Sequence 155, App
c 608	15.8	0.4	19	1	US-10-665-951-158	Sequence 158, App	c 681	15.4	0.4	17	1	US-09-730-289B-155	Sequence 155, App
c 609	15.8	0.4	19	1	US-10-665-951-158	Sequence 158, App	c 682	15.4	0.4	17	1	US-09-848-754A-3493	Sequence 3493, App
c 610	15.8	0.4	19	1	US-10-665-951-1650	Sequence 1650, App	c 683	15.4	0.4	17	1	US-10-663-552-649	Sequence 649, App
c 611	15.8	0.4	19	1	US-10-665-951-1687	Sequence 1687, Ap	c 684	15.4	0.4	17	1	US-10-061-201-442	Sequence 442, App
c 612	15.8	0.4	19	1	US-10-665-951-1688	Sequence 1688, Ap	c 685	15.4	0.4	17	1	US-10-454-224-28	Sequence 28, Appl
c 613	15.8	0.4	19	1	US-10-665-951-1897	Sequence 1897, Ap	c 686	15.4	0.4	17	1	US-10-138-674-1977	Sequence 1977, Ap
c 614	15.8	0.4	19	1	US-10-665-951-1934	Sequence 1934, Ap	c 687	15.4	0.4	17	1	US-10-138-674-2009	Sequence 2009, Ap
c 615	15.8	0.4	19	1	US-10-665-951-1935	Sequence 1935, Ap	c 688	15.4	0.4	17	1	US-10-138-674-6729	Sequence 6729, Ap
c 616	15.8	0.4	20	1	US-09-898-361-133	Sequence 133, App	c 689	15.4	0.4	17	1	US-10-138-674-6730	Sequence 6730, Ap
c 617	15.8	0.4	20	1	US-09-950-935-12	Sequence 12, Appl	c 690	15.4	0.4	17	1	US-10-138-674-6731	Sequence 6731, Ap

691	15.4	0.4	17	1	US-10-138-674-6762	Sequence 6762, Ap	C 764	15.2	0.4	20	1	US-09-954-556-98	Sequence 98, Appl
692	15.4	0.4	17	1	US-10-138-674-7615	Sequence 7615, Ap	C 765	15.2	0.4	20	1	US-09-913-197-76	Sequence 76, Appl
693	15.4	0.4	17	1	US-10-138-674-8259	Sequence 8259, Ap	C 766	15.2	0.4	20	1	US-09-913-318-72	Sequence 72, Appl
694	15.4	0.4	17	1	US-10-138-674-8260	Sequence 8260, Ap	C 767	15.2	0.4	20	1	US-09-953-318-74	Sequence 74, Appl
695	15.4	0.4	17	1	US-10-138-674-8261	Sequence 8261, Ap	C 768	15.2	0.4	20	1	US-10-203-608-23	Sequence 23, Appl
696	15.4	0.4	17	1	US-10-138-674-8510	Sequence 8510, Ap	C 769	15.2	0.4	20	1	US-10-001-844-33	Sequence 33, Appl
697	15.4	0.4	17	1	US-10-138-674-8949	Sequence 8949, Ap	C 770	15.2	0.4	20	1	US-10-229-346-34	Sequence 34, Appl
698	15.4	0.4	17	1	US-10-138-674-8954	Sequence 8954, Ap	C 771	15.2	0.4	20	1	US-10-007-010-56	Sequence 56, Appl
699	15.4	0.4	17	1	US-10-138-674-8985	Sequence 8985, Ap	C 772	15.2	0.4	20	1	US-10-238-442-22	Sequence 22, Appl
700	15.4	0.4	17	1	US-10-138-674-8985	Sequence 8985, Ap	C 773	15.2	0.4	20	1	US-10-331-907-75	Sequence 75, Appl
701	15.4	0.4	17	1	US-10-287-949A-1977	Sequence 1977, Ap	C 774	15.2	0.4	20	1	US-10-005-344-147	Sequence 147, Ap
702	15.4	0.4	17	1	US-10-287-949A-2009	Sequence 2009, Ap	C 775	15.2	0.4	20	1	US-10-005-344-209	Sequence 209, Ap
703	15.4	0.4	17	1	US-10-287-949A-6729	Sequence 6729, Ap	C 776	15.2	0.4	20	1	US-10-446-373-72	Sequence 72, Appl
704	15.4	0.4	17	1	US-10-287-949A-6730	Sequence 6730, Ap	C 777	15.2	0.4	20	1	US-10-446-373-74	Sequence 74, Appl
705	15.4	0.4	17	1	US-10-287-949A-6731	Sequence 6731, Ap	C 778	15.2	0.4	20	1	US-10-380-931-60	Sequence 60, Appl
706	15.4	0.4	17	1	US-10-287-949A-6762	Sequence 7662, Ap	C 779	15.2	0.4	20	1	US-10-360-510-305	Sequence 305, Appl
707	15.4	0.4	17	1	US-10-287-949A-7615	Sequence 7615, Ap	C 780	15.2	0.4	20	1	US-10-160-497-22	Sequence 22, Appl
708	15.4	0.4	17	1	US-10-287-949A-8259	Sequence 8259, Ap	C 781	15.2	0.4	20	1	US-10-348-750-22	Sequence 22, Appl
709	15.4	0.4	17	1	US-10-287-949A-8260	Sequence 8260, Ap	C 782	15.2	0.4	20	1	US-10-372-909-15	Sequence 15, Appl
710	15.4	0.4	17	1	US-10-287-949A-8261	Sequence 8261, Ap	C 783	15.2	0.4	20	1	US-10-210-290-74	Sequence 74, Appl
711	15.4	0.4	17	1	US-10-287-949A-8510	Sequence 8510, Ap	C 784	15.2	0.4	20	1	US-10-210-290-128	Sequence 128, Appl
712	15.4	0.4	17	1	US-10-287-949A-8949	Sequence 8949, Ap	C 785	15.2	0.4	20	1	US-10-380-124-39	Sequence 39, Appl
713	15.4	0.4	17	1	US-10-287-949A-8954	Sequence 8954, Ap	C 786	15.2	0.4	20	1	US-10-683-386-23	Sequence 23, Appl
714	15.4	0.4	17	1	US-10-287-949A-8985	Sequence 8985, Ap	C 787	15.2	0.4	20	1	US-10-683-386-23	Sequence 23, Appl
715	15.4	0.4	17	1	US-10-723-361-7996	Sequence 7996, Ap	C 788	15.2	0.4	20	1	US-10-619-284A-74	Sequence 74, Appl
716	15.4	0.4	18	1	US-09-802-207-14	Sequence 14, Appl	C 789	15.2	0.4	20	1	US-10-274-085-33	Sequence 33, Appl
717	15.4	0.4	18	1	US-09-969-373-1877	Sequence 1877, Ap	C 790	15.2	0.4	20	1	US-10-274-085-64	Sequence 64, Appl
718	15.4	0.4	18	1	US-09-969-373-2975	Sequence 2975, Ap	C 791	15.2	0.4	20	1	US-10-274-085-145	Sequence 145, Appl
719	15.4	0.4	18	1	US-09-263-959-983	Sequence 983, Ap	C 792	15.2	0.4	20	1	US-10-274-085-112	Sequence 112, Appl
720	15.4	0.4	19	1	US-10-321-039-716	Sequence 716, Ap	C 793	15.2	0.4	20	1	US-10-210-802-74	Sequence 74, Appl
721	15.4	0.4	19	1	US-09-263-959-427	Sequence 427, Ap	C 794	15.2	0.4	20	1	US-10-210-802-128	Sequence 128, Appl
722	15.4	0.4	19	1	US-10-773-951-53	Sequence 53, Appl	C 795	15.2	0.4	20	1	US-10-300-642-33	Sequence 33, Appl
723	15.4	0.4	19	1	US-10-683-990-120	Sequence 120, Ap	C 796	15.2	0.4	20	1	US-10-688-706-88	Sequence 88, Appl
724	15.4	0.4	19	1	US-09-953-047-51	Sequence 51, Appl	C 797	15.2	0.4	20	1	US-10-688-706-102	Sequence 102, Appl
725	15.4	0.4	20	1	US-10-630-401-91	Sequence 91, Appl	C 798	15.2	0.4	20	1	US-10-319-915-120	Sequence 120, Appl
726	15.4	0.4	20	1	US-10-467-008-110	Sequence 110, Appl	C 799	15.2	0.4	20	1	US-10-319-915-247	Sequence 247, Appl
727	15.4	0.4	20	1	US-08-459-455-89	Sequence 89, Appl	C 800	15.2	0.4	20	1	US-10-671-395-174	Sequence 174, Appl
728	15.4	0.4	20	1	US-09-976-782-72	Sequence 72, Appl	C 801	15.2	0.4	20	1	US-10-671-395-1138	Sequence 1138, Ap
729	15.4	0.4	20	1	US-10-091-625-51	Sequence 51, Appl	C 802	15.2	0.4	20	1	US-10-671-395-1175	Sequence 1175, Ap
730	15.4	0.4	20	1	US-10-326-185-18	Sequence 18, Appl	C 803	15.2	0.4	20	1	US-10-671-395-1279	Sequence 1279, Ap
731	15.4	0.4	20	1	US-10-326-185-18	Sequence 18, Appl	C 804	15.2	0.4	20	1	US-10-671-395-1312	Sequence 1312, Ap
732	15.4	0.4	20	1	US-10-096-399A-51	Sequence 51, Appl	C 805	15.2	0.4	20	1	US-10-671-395-1350	Sequence 1350, Ap
733	15.4	0.4	20	1	US-10-461-668-51	Sequence 51, Appl	C 806	15.2	0.4	20	1	US-10-671-395-1399	Sequence 1399, Ap
734	15.4	0.4	20	1	US-10-388-263-421	Sequence 421, Appl	C 807	15.2	0.4	20	1	US-10-671-395-1406	Sequence 1406, Ap
735	15.4	0.4	20	1	US-10-199-199-21	Sequence 21, Appl	C 808	15.2	0.4	20	1	US-10-671-395-1423	Sequence 1423, Ap
736	15.4	0.4	20	1	US-10-199-199-98	Sequence 98, Appl	C 809	15.2	0.4	20	1	US-10-671-395-1431	Sequence 1431, Ap
737	15.4	0.4	20	1	US-10-262-445-72	Sequence 72, Appl	C 810	15.2	0.4	20	1	US-10-671-395-1505	Sequence 1505, Ap
738	15.4	0.4	20	1	US-10-210-833-50	Sequence 50, Appl	C 811	15.2	0.4	20	1	US-10-671-395-1566	Sequence 1566, Ap
739	15.4	0.4	20	1	US-10-210-833-149	Sequence 149, Appl	C 812	15.2	0.4	20	1	US-10-671-395-1627	Sequence 1627, Ap
740	15.4	0.4	20	1	US-10-304-109-45	Sequence 45, Appl	C 813	15.2	0.4	20	1	US-10-671-395-1628	Sequence 1628, Ap
741	15.4	0.4	20	1	US-10-671-395-1171	Sequence 1171, Ap	C 814	15.2	0.4	20	1	US-10-671-395-1640	Sequence 1640, Ap
742	15.4	0.4	20	1	US-10-671-395-1187	Sequence 1187, Ap	C 815	15.2	0.4	20	1	US-10-671-395-1641	Sequence 1641, Ap
743	15.4	0.4	20	1	US-10-671-395-1204	Sequence 1204, Ap	C 816	15.2	0.4	20	1	US-10-671-395-1665	Sequence 1665, Ap
744	15.4	0.4	20	1	US-10-671-395-1333	Sequence 1333, Ap	C 817	15.2	0.4	20	1	US-10-671-395-1670	Sequence 1670, Ap
745	15.4	0.4	20	1	US-10-671-395-1595	Sequence 1595, Ap	C 818	15.2	0.4	20	1	US-10-671-395-1670	Sequence 1670, Ap
746	15.4	0.4	21	1	US-10-000-864-28	Sequence 28, Appl	C 819	15.2	0.4	20	1	US-10-671-395-1685	Sequence 1685, Ap
747	15.4	0.4	21	1	US-10-151-320-26	Sequence 26, Appl	C 820	15.2	0.4	20	1	US-10-654-102-126	Sequence 126, Appl
748	15.4	0.4	21	1	US-10-466-347-17	Sequence 17, Appl	C 821	15.2	0.4	20	1	US-10-641-455A-22	Sequence 22, Appl
749	15.4	0.4	21	1	US-10-627-253A-351	Sequence 351, Appl	C 822	15.2	0.4	20	1	US-10-835-208-76	Sequence 76, Appl
750	15.4	0.4	21	1	US-10-627-253A-352	Sequence 352, Appl	C 823	15.2	0.4	20	1	US-10-487-846-34	Sequence 34, Appl
751	15.4	0.4	30	1	US-09-874-991C-11	Sequence 11, Appl	C 824	15.2	0.4	21	1	US-09-771-730-103	Sequence 103, Appl
752	15.2	0.4	20	1	US-09-918-186A-235	Sequence 235, Appl	C 825	15.2	0.4	21	1	US-09-808-602-35	Sequence 35, Appl
753	15.2	0.4	20	1	US-10-181-316-235	Sequence 235, Appl	C 826	15.2	0.4	21	1	US-09-232-785-390	Sequence 39, Appl
754	15.2	0.4	20	1	US-09-725-265-23	Sequence 23, Appl	C 827	15.2	0.4	21	1	US-09-800-198-33	Sequence 33, Appl
755	15.2	0.4	20	1	US-09-752-983-147	Sequence 147, Appl	C 828	15.2	0.4	21	1	US-10-142-566-49	Sequence 49, Appl
756	15.2	0.4	20	1	US-09-752-983-209	Sequence 209, Appl	C 829	15.2	0.4	21	1	US-10-253-967-36	Sequence 36, Appl
757	15.2	0.4	20	1	US-09-854-883-305	Sequence 305, Appl	C 830	15.2	0.4	21	1	US-10-418-182-112	Sequence 112, Appl
758	15.2	0.4	20	1	US-09-885-188-13	Sequence 13, Appl	C 831	15.2	0.4	21	1	US-10-388-263-203	Sequence 203, Appl
759	15.2	0.4	20	1	US-09-891-517-23	Sequence 23, Appl	C 832	15.2	0.4	21	1	US-10-377-079-82	Sequence 82, Appl
760	15.2	0.4	20	1	US-09-891-517-34	Sequence 34, Appl	C 833	15.2	0.4	21	1	US-10-210-281-127	Sequence 127, Appl
761	15.2	0.4	20	1	US-09-885-189-13	Sequence 13, Appl	C 834	15.2	0.4	21	1	US-10-380-195A-44	Sequence 44, Appl
762	15.2	0.4	20	1	US-09-949-427-252	Sequence 252, Appl	C 835	15.2	0.4	21	1	US-10-432-364-35	Sequence 35, Appl
763	15.2	0.4	20	1	US-09-949-428-252	Sequence 252, Appl	C 836	15.2	0.4	21	1	US-10-702-496-154	Sequence 154, Appl



837	15.2	0.4	21	1	US-10-702-496-161	Sequence 161, App	c 910	14.8	0.4	20	1	US-09-776-479-311	Sequence 311, App
c 838	15.2	0.4	21	1	US-10-702-496-289	Sequence 289, App	c 911	14.8	0.4	20	1	US-09-776-479-311	Sequence 311, App
839	15.2	0.4	21	1	US-10-728-491-9	Sequence 9, Appl	c 912	14.8	0.4	20	1	US-09-915-814-132	Sequence 132, App
840	15.2	0.4	21	1	US-10-786-720-11203	Sequence 11203, A	913	14.8	0.4	20	1	US-09-953-318-97	Sequence 97, Appl
c 841	15.2	0.4	21	1	US-10-786-720-11219	Sequence 11219, A	c 914	14.8	0.4	20	1	US-09-802-154-5	Sequence 5, Appl
842	15.2	0.4	21	1	US-10-786-720-11538	Sequence 11538, A	915	14.8	0.4	20	1	US-09-846-863-33	Sequence 33, Appl
c 843	15.2	0.4	21	1	US-10-786-720-12987	Sequence 12987, A	c 916	14.8	0.4	20	1	US-09-846-863-34	Sequence 34, Appl
844	15.2	0.4	21	1	US-10-786-720-17100	Sequence 17100, A	917	14.8	0.4	20	1	US-09-846-863-35	Sequence 35, Appl
845	15.2	0.4	21	1	US-10-786-720-17103	Sequence 17103, A	c 918	14.8	0.4	20	1	US-09-846-863-36	Sequence 36, Appl
846	15.2	0.4	21	1	US-10-786-720-17106	Sequence 17106, A	c 919	14.8	0.4	20	1	US-10-004-551-101	Sequence 101, Appl
c 847	15.2	0.4	21	1	US-10-786-720-17110	Sequence 17110, A	c 920	14.8	0.4	20	1	US-10-057-550-27	Sequence 27, Appl
848	15.2	0.4	21	1	US-10-786-720-18285	Sequence 18285, A	c 921	14.8	0.4	20	1	US-10-112-853-301	Sequence 301, App
849	15.2	0.4	21	1	US-10-786-720-18288	Sequence 18288, A	c 922	14.8	0.4	20	1	US-10-017-995-311	Sequence 311, App
850	15.2	0.4	21	1	US-10-786-720-18291	Sequence 18291, A	c 923	14.8	0.4	20	1	US-10-231-302-72	Sequence 72, Appl
c 851	15.2	0.4	21	1	US-10-786-720-18295	Sequence 18295, A	c 924	14.8	0.4	20	1	US-10-181-846-32	Sequence 32, Appl
c 852	15.2	0.4	38	1	US-09-764-891-10176	Sequence 10176, A	925	14.8	0.4	20	1	US-10-238-042-20	Sequence 20, Appl
853	15	0.4	15	1	US-09-735-363A-16	Sequence 16, Appl	c 926	14.8	0.4	20	1	US-10-173-225B-26	Sequence 26, Appl
c 854	15	0.4	15	1	US-09-263-959-543	Sequence 543, App	c 927	14.8	0.4	20	1	US-10-008-789-21	Sequence 21, Appl
c 855	15	0.4	15	1	US-09-263-959-545	Sequence 545, App	c 928	14.8	0.4	20	1	US-10-321-555-10	Sequence 10, Appl
856	15	0.4	15	1	US-10-085-906-222	Sequence 222, App	929	14.8	0.4	20	1	US-10-171-319-48	Sequence 48, Appl
857	15	0.4	16	1	US-10-138-674-6070	Sequence 6070, Ap	c 930	14.8	0.4	20	1	US-10-171-319-73	Sequence 73, Appl
858	15	0.4	16	1	US-10-287-949A-6070	Sequence 6070, Ap	c 931	14.8	0.4	20	1	US-10-167-547C-32	Sequence 32, Appl
c 859	15	0.4	17	1	US-10-238-700-3390	Sequence 3390, Ap	c 932	14.8	0.4	20	1	US-10-032-585-4779	Sequence 4779, Ap
860	15	0.4	17	1	US-10-138-674-8256	Sequence 8256, Ap	c 933	14.8	0.4	20	1	US-10-352-586-11	Sequence 11, Appl
861	15	0.4	17	1	US-10-287-949A-8256	Sequence 8256, Ap	c 934	14.8	0.4	20	1	US-10-446-373-97	Sequence 97, Appl
c 862	15	0.4	18	1	US-10-464-158-21	Sequence 21, Appl	940	14.8	0.4	20	1	US-10-314-578-311	Sequence 311, App
c 863	15	0.4	19	1	US-10-016-490C-25	Sequence 25, Appl	c 935	14.8	0.4	20	1	US-10-159-856-74	Sequence 74, Appl
864	15	0.4	20	1	US-10-055-728-45	Sequence 45, Appl	c 936	14.8	0.4	20	1	US-10-176-277-17	Sequence 17, Appl
865	15	0.4	20	1	US-10-310-677-45	Sequence 45, Appl	937	14.8	0.4	20	1	US-10-094-886-232	Sequence 232, App
c 866	15	0.4	20	1	US-10-380-124-47	Sequence 47, Appl	c 938	14.8	0.4	20	1	US-10-349-143-7832	Sequence 7832, Ap
867	15	0.4	20	1	US-10-274-300-55	Sequence 55, Appl	c 939	14.8	0.4	20	1	US-10-407-449-5	Sequence 5, Appl
c 868	15	0.4	20	1	US-10-671-395-1491	Sequence 1491, Ap	941	14.8	0.4	20	1	US-10-422-466-21	Sequence 21, Appl
869	15	0.4	38	1	US-09-971-353-31	Sequence 31, Appl	c 942	14.8	0.4	20	1	US-10-289-762-6513	Sequence 6513, Ap
870	15	0.4	39	1	US-10-219-195-37	Sequence 37, Appl	c 943	14.8	0.4	20	1	US-10-210-429-56	Sequence 56, Appl
871	15	0.4	42	1	US-10-219-195-32	Sequence 32, Appl	c 944	14.8	0.4	20	1	US-10-210-429-127	Sequence 127, App
872	15	0.4	42	1	US-10-219-195-33	Sequence 33, Appl	c 945	14.8	0.4	20	1	US-10-210-479-50	Sequence 50, Appl
c 873	14.8	0.4	18	1	US-09-263-959-971	Sequence 971, App	c 946	14.8	0.4	20	1	US-10-210-479-112	Sequence 112, App
874	14.8	0.4	18	1	US-09-943-944E-119	Sequence 119, App	947	14.8	0.4	20	1	US-10-210-723-14	Sequence 14, Appl
875	14.8	0.4	18	1	US-10-327-805-42	Sequence 42, Appl	c 948	14.8	0.4	20	1	US-10-210-723-86	Sequence 86, Appl
c 876	14.8	0.4	18	1	US-10-461-790-129	Sequence 129, App	c 949	14.8	0.4	20	1	US-10-345-444B-31	Sequence 31, Appl
877	14.8	0.4	18	1	US-10-138-674-1449	Sequence 1449, Ap	c 950	14.8	0.4	20	1	US-10-345-444B-42	Sequence 42, Appl
878	14.8	0.4	18	1	US-10-138-674-3004	Sequence 3004, Ap	951	14.8	0.4	20	1	US-10-236-392-393	Sequence 393, App
879	14.8	0.4	18	1	US-10-203-102A-12	Sequence 12, Appl	952	14.8	0.4	20	1	US-10-236-392-402	Sequence 402, App
880	14.8	0.4	18	1	US-10-287-949A-1449	Sequence 1449, Ap	953	14.8	0.4	20	1	US-10-274-085-21	Sequence 21, Appl
881	14.8	0.4	18	1	US-10-287-949A-3004	Sequence 3004, Ap	954	14.8	0.4	20	1	US-10-274-085-133	Sequence 133, App
c 882	14.8	0.4	19	1	US-08-983-605-118	Sequence 118, App	c 955	14.8	0.4	20	1	US-10-553-872-24	Sequence 24, Appl
c 883	14.8	0.4	19	1	US-09-813-289-22	Sequence 22, Appl	c 956	14.8	0.4	20	1	US-10-302-027-45	Sequence 45, Appl
884	14.8	0.4	19	1	US-09-901-484A-483	Sequence 483, App	c 957	14.8	0.4	20	1	US-10-302-027-105	Sequence 105, App
885	14.8	0.4	19	1	US-09-901-484A-546	Sequence 546, App	958	14.8	0.4	20	1	US-10-303-325-47	Sequence 47, Appl
886	14.8	0.4	19	1	US-09-853-526-483	Sequence 483, App	959	14.8	0.4	20	1	US-10-688-706-153	Sequence 153, App
887	14.8	0.4	19	1	US-09-853-526-546	Sequence 546, App	960	14.8	0.4	20	1	US-10-688-706-285	Sequence 285, App
c 888	14.8	0.4	19	1	US-09-766-450-48	Sequence 48, Appl	961	14.8	0.4	20	1	US-10-688-706-507	Sequence 507, App
c 889	14.8	0.4	19	1	US-10-251-117-68	Sequence 68, Appl	962	14.8	0.4	20	1	US-10-688-706-508	Sequence 508, App
890	14.8	0.4	19	1	US-10-251-117-180	Sequence 180, App	963	14.8	0.4	20	1	US-10-688-706-828	Sequence 828, App
c 891	14.8	0.4	19	1	US-10-251-117-317	Sequence 317, App	964	14.8	0.4	20	1	US-10-316-243-96	Sequence 96, Appl
c 892	14.8	0.4	19	1	US-10-251-117-429	Sequence 429, App	965	14.8	0.4	20	1	US-10-316-243-167	Sequence 167, App
893	14.8	0.4	19	1	US-10-244-647-515	Sequence 515, App	c 966	14.8	0.4	20	1	US-10-660-897-9	Sequence 9, Appl
c 894	14.8	0.4	19	1	US-10-244-647-1161	Sequence 1161, Ap	967	14.8	0.4	20	1	US-10-303-588-42	Sequence 42, Appl
c 895	14.8	0.4	19	1	US-10-477-726-133	Sequence 133, App	c 968	14.8	0.4	20	1	US-10-303-588-42	Sequence 42, Appl
c 896	14.8	0.4	19	1	US-10-665-951-2245	Sequence 2244, Ap	c 969	14.8	0.4	20	1	US-10-303-588-42	Sequence 42, Appl
897	14.8	0.4	19	1	US-10-665-951-2265	Sequence 2265, Ap	970	14.8	0.4	20	1	US-10-763-992-21	Sequence 21, Appl
c 898	14.8	0.4	20	1	US-09-801-968-5	Sequence 5, Appl	971	14.8	0.4	20	1	US-10-316-540-18	Sequence 18, Appl
899	14.8	0.4	20	1	US-09-454-394-33	Sequence 33, Appl	c 972	14.8	0.4	20	1	US-10-316-540-95	Sequence 95, Appl
900	14.8	0.4	20	1	US-09-454-394-34	Sequence 34, Appl	c 973	14.8	0.4	20	1	US-10-671-395-1039	Sequence 1039, Ap
c 901	14.8	0.4	20	1	US-09-454-394-35	Sequence 35, Appl	c 974	14.8	0.4	20	1	US-10-671-395-1106	Sequence 1106, Ap
c 902	14.8	0.4	20	1	US-09-454-394-36	Sequence 36, Appl	c 975	14.8	0.4	20	1	US-10-671-395-1219	Sequence 1219, Ap
903	14.8	0.4	20	1	US-09-924-417-24	Sequence 24, Appl	c 976	14.8	0.4	20	1	US-10-671-395-1343	Sequence 1343, Ap
c 904	14.8	0.4	20	1	US-09-263-959-1214	Sequence 1214, Ap	c 977	14.8	0.4	20	1	US-10-671-395-1366	Sequence 1366, Ap
c 905	14.8	0.4	20	1	US-09-774-809-31	Sequence 31, Appl	c 978	14.8	0.4	20	1	US-10-671-395-1597	Sequence 1597, Ap
906	14.8	0.4	20	1	US-09-774-809-42	Sequence 42, Appl	c 979	14.8	0.4	20	1	US-10-671-395-1728	Sequence 1728, Ap
c 907	14.8	0.4	20	1	US-09-986-263-11	Sequence 11, Appl	c 980	14.8	0.4	20	1	US-10-744-730-5	Sequence 5, Appl
c 908	14.8	0.4	20	1	US-09-888-326-463	Sequence 463, App	c 981	14.8	0.4	21	1	US-09-765-081-37	Sequence 37, Appl
c 909	14.8	0.4	20	1	US-09-860-836B-36	Sequence 36, Appl	c 982	14.8	0.4	21	1	US-09-765-081-266	Sequence 266, App

983	14.8	0.4	21	1	US-09-932-300-43	Sequence 43, Appl	1056	14.4	0.4	16	1	US-08-463-404-57	Sequence 57, Appl
984	14.8	0.4	21	1	US-09-864-636A-1134	Sequence 1134, Ap	1057	14.4	0.4	16	1	US-09-263-959-540	Sequence 540, App
985	14.8	0.4	21	1	US-09-864-426A-1134	Sequence 1134, Ap	c1058	14.4	0.4	16	1	US-09-263-959-540	Sequence 540, App
986	14.8	0.4	21	1	US-10-016-505-6	Sequence 6, Appli	1059	14.4	0.4	16	1	US-10-085-906-231	Sequence 231, App
c 987	14.8	0.4	21	1	US-10-085-906-490	Sequence 490, App	c1060	14.4	0.4	16	1	US-10-085-906-231	Sequence 231, App
c 988	14.8	0.4	21	1	US-10-023-066A-46	Sequence 46, Appl	1061	14.4	0.4	16	1	US-10-092-885-28	Sequence 28, Appl
c 989	14.8	0.4	21	1	US-10-261-189-5	Sequence 5, Appli	1062	14.4	0.4	16	1	US-10-232-927A-80	Sequence 80, Appl
c 990	14.8	0.4	21	1	US-10-090-011-49	Sequence 49, Appl	1063	14.4	0.4	16	1	US-10-138-674-5819	Sequence 5819, Ap
991	14.8	0.4	21	1	US-10-311-946-21	Sequence 21, Appl	1064	14.4	0.4	16	1	US-10-138-674-5848	Sequence 5848, Ap
992	14.8	0.4	21	1	US-10-084-839-1134	Sequence 1134, Ap	1065	14.4	0.4	16	1	US-10-138-674-6071	Sequence 6071, Ap
993	14.8	0.4	21	1	US-10-452-510-204	Sequence 204, App	1066	14.4	0.4	16	1	US-10-287-949A-5819	Sequence 5819, Ap
c 994	14.8	0.4	21	1	US-10-401-520-135	Sequence 135, App	1067	14.4	0.4	16	1	US-10-287-949A-5848	Sequence 5848, Ap
c 995	14.8	0.4	21	1	US-10-398-757-3	Sequence 3, Appli	1068	14.4	0.4	16	1	US-10-287-949A-6071	Sequence 6071, Ap
c 996	14.8	0.4	21	1	US-10-617-334-204	Sequence 204, App	1069	14.4	0.4	16	1	US-10-691-633-57	Sequence 57, Appl
c 997	14.8	0.4	21	1	US-10-648-593-311	Sequence 311, App	c1070	14.4	0.4	17	1	US-09-866-108-2002	Sequence 2002, Ap
998	14.8	0.4	21	1	US-10-702-496-160	Sequence 160, App	c1071	14.4	0.4	17	1	US-09-866-108-2003	Sequence 2003, Ap
999	14.8	0.4	21	1	US-10-745-377-118	Sequence 118, App	c1072	14.4	0.4	17	1	US-09-866-108-2005	Sequence 2005, Ap
1000	14.8	0.4	21	1	US-10-665-951-2275	Sequence 2275, Ap	c1073	14.4	0.4	17	1	US-09-866-108-2006	Sequence 2006, Ap
c1001	14.8	0.4	21	1	US-10-665-951-2278	Sequence 2278, Ap	1074	14.4	0.4	17	1	US-09-866-108-7995	Sequence 7995, Ap
c1002	14.8	0.4	21	1	US-10-665-951-2374	Sequence 2374, Ap	1075	14.4	0.4	17	1	US-09-866-108-7997	Sequence 7997, Ap
c1003	14.8	0.4	21	1	US-10-665-951-2386	Sequence 2386, Ap	1076	14.4	0.4	17	1	US-09-730-289B-156	Sequence 156, App
1004	14.8	0.4	21	1	US-10-744-465-204	Sequence 204, App	1077	14.4	0.4	17	1	US-09-780-533A-1807	Sequence 1807, Ap
c1005	14.8	0.4	21	1	US-10-627-253A-245	Sequence 245, App	c1078	14.4	0.4	17	1	US-09-877-478-41	Sequence 41, Appl
1006	14.8	0.4	21	1	US-10-627-253A-246	Sequence 246, App	c1079	14.4	0.4	17	1	US-09-877-478-1412	Sequence 1412, Ap
1007	14.8	0.4	21	1	US-10-833-679-204	Sequence 204, App	1080	14.4	0.4	17	1	US-09-877-478-2089	Sequence 2089, Ap
c1008	14.8	0.4	21	1	US-10-786-720-3817	Sequence 3817, Ap	1081	14.4	0.4	17	1	US-09-848-754A-2482	Sequence 2482, Ap
c1009	14.8	0.4	21	1	US-10-786-720-3818	Sequence 3818, Ap	1082	14.4	0.4	17	1	US-09-848-754A-2307	Sequence 2307, Ap
1010	14.8	0.4	21	1	US-10-786-720-3819	Sequence 3819, Ap	c1083	14.4	0.4	17	1	Sequence 390, App	Sequence 390, App
c1011	14.8	0.4	21	1	US-10-786-720-3820	Sequence 3820, Ap	c1084	14.4	0.4	17	1	Sequence 424, App	Sequence 424, App
1012	14.8	0.4	21	1	US-10-786-720-3822	Sequence 3822, Ap	1085	14.4	0.4	17	1	Sequence 432, App	Sequence 432, App
c1013	14.8	0.4	21	1	US-10-786-720-4525	Sequence 4525, Ap	1086	14.4	0.4	17	1	Sequence 382, App	Sequence 382, App
c1014	14.8	0.4	21	1	US-10-786-720-4526	Sequence 4526, Ap	1087	14.4	0.4	17	1	Sequence 645, App	Sequence 645, App
1015	14.8	0.4	21	1	US-10-786-720-4527	Sequence 4527, Ap	1088	14.4	0.4	17	1	Sequence 880, App	Sequence 880, App
c1016	14.8	0.4	21	1	US-10-786-720-4528	Sequence 4528, Ap	1089	14.4	0.4	17	1	Sequence 390, App	Sequence 390, App
1017	14.8	0.4	21	1	US-10-786-720-4530	Sequence 4530, Ap	c1090	14.4	0.4	17	1	Sequence 391, App	Sequence 391, App
c1018	14.8	0.4	21	1	US-10-786-720-5257	Sequence 5257, Ap	c1091	14.4	0.4	17	1	Sequence 166, App	Sequence 166, App
c1019	14.8	0.4	21	1	US-10-786-720-5258	Sequence 5258, Ap	c1092	14.4	0.4	17	1	Sequence 2806, Ap	Sequence 2806, Ap
1020	14.8	0.4	21	1	US-10-786-720-5259	Sequence 5259, Ap	c1093	14.4	0.4	17	1	Sequence 3350, Ap	Sequence 3350, Ap
c1021	14.8	0.4	21	1	US-10-786-720-5260	Sequence 5260, Ap	c1094	14.4	0.4	17	1	Sequence 441, App	Sequence 441, App
1022	14.8	0.4	21	1	US-10-786-720-5262	Sequence 5262, Ap	1095	14.4	0.4	17	1	Sequence 443, App	Sequence 443, App
c1023	14.8	0.4	21	1	US-10-786-720-17096	Sequence 17096, A	1096	14.4	0.4	17	1	Sequence 444, App	Sequence 444, App
c1024	14.8	0.4	21	1	US-10-786-720-17105	Sequence 17105, A	1097	14.4	0.4	17	1	Sequence 445, App	Sequence 445, App
c1025	14.8	0.4	21	1	US-10-786-720-17108	Sequence 17108, A	1098	14.4	0.4	17	1	Sequence 424, App	Sequence 424, App
c1026	14.8	0.4	21	1	US-10-786-720-18281	Sequence 18281, A	1099	14.4	0.4	17	1	Sequence 411, Appl	Sequence 411, Appl
c1027	14.8	0.4	21	1	US-10-786-720-18290	Sequence 18290, A	c1100	14.4	0.4	17	1	Sequence 2089, Ap	Sequence 2089, Ap
c1028	14.8	0.4	21	1	US-10-786-720-18293	Sequence 18293, A	c1101	14.4	0.4	17	1	Sequence 4753, Ap	Sequence 4753, Ap
1030	14.8	0.4	21	1	US-10-786-720-20857	Sequence 20857, A	1102	14.4	0.4	17	1	Sequence 6732, Ap	Sequence 6732, Ap
c1031	14.8	0.4	21	1	US-10-786-720-20859	Sequence 20859, A	1103	14.4	0.4	17	1	Sequence 7632, Ap	Sequence 7632, Ap
1032	14.8	0.4	26	1	US-10-786-720-20990	Sequence 20990, A	1104	14.4	0.4	17	1	Sequence 7696, Ap	Sequence 7696, Ap
1033	14.8	0.4	30	1	US-09-725-265-6	Sequence 144, App	1105	14.4	0.4	17	1	Sequence 27, Appl	Sequence 27, Appl
1034	14.8	0.4	30	1	US-09-725-265-7	Sequence 7, Appli	1106	14.4	0.4	17	1	Sequence 526, App	Sequence 526, App
1035	14.8	0.4	30	1	US-09-725-265-12	Sequence 12, Appl	1107	14.4	0.4	17	1	Sequence 2019, Ap	Sequence 2019, Ap
1036	14.8	0.4	30	1	US-09-891-517-7	Sequence 7, Appli	1108	14.4	0.4	17	1	Sequence 2330, Ap	Sequence 2330, Ap
1037	14.8	0.4	30	1	US-09-891-517-12	Sequence 12, Appl	1109	14.4	0.4	17	1	Sequence 2341, Ap	Sequence 2341, Ap
1038	14.8	0.4	30	1	US-10-209-608-6	Sequence 6, Appli	1110	14.4	0.4	17	1	Sequence 2682, Ap	Sequence 2682, Ap
1039	14.8	0.4	30	1	US-10-209-608-7	Sequence 7, Appli	1111	14.4	0.4	17	1	Sequence 41, Appl	Sequence 41, Appl
1040	14.8	0.4	30	1	US-10-209-608-12	Sequence 12, Appl	1112	14.4	0.4	17	1	Sequence 2002, Ap	Sequence 2002, Ap
1041	14.8	0.4	30	1	US-10-683-386-6	Sequence 6, Appli	1113	14.4	0.4	17	1	Sequence 2003, Ap	Sequence 2003, Ap
1042	14.8	0.4	30	1	US-10-683-386-7	Sequence 7, Appli	1114	14.4	0.4	17	1	Sequence 2006, Ap	Sequence 2006, Ap
1043	14.8	0.4	30	1	US-10-683-386-12	Sequence 12, Appl	1115	14.4	0.4	17	1	Sequence 7995, Ap	Sequence 7995, Ap
1044	14.8	0.4	39	1	US-10-219-195-30	Sequence 30, Appl	1116	14.4	0.4	17	1	Sequence 7997, Ap	Sequence 7997, Ap
1045	14.8	0.4	39	1	US-10-219-195-31	Sequence 31, Appl	1117	14.4	0.4	17	1	Sequence 24, Appl	Sequence 24, Appl
1046	14.8	0.4	45	1	US-09-827-289-18	Sequence 18, Appl	1118	14.4	0.4	17	1		
c1047	14.8	0.4	45	1	US-09-827-289-14	Sequence 14, Appl	c1119	14.4	0.4	17	1		
c1048	14.8	0.4	45	1	US-09-827-289-14	Sequence 14, Appl	c1120	14.4	0.4	17	1		
c1049	14.6	0.4	20	1	US-10-362-010-2	Sequence 2, Appli	1121	14.4	0.4	17	1		
c1050	14.6	0.4	27	1	US-09-263-959-524	Sequence 524, App	c1122	14.4	0.4	17	1		
c1051	14.6	0.4	39	1	US-10-208-357-4	Sequence 4, Appli	c1123	14.4	0.4	17	1		
c1052	14.6	0.4	40	1	US-09-828-034-1	Sequence 1, Appli	c1124	14.4	0.4	17	1		
1053	14.6	0.4	40	1	US-09-828-034-1	Sequence 1, Appli	c1125	14.4	0.4	17	1		
c1054	14.4	0.4	16	1	US-09-876-143-867	Sequence 867, App	1126	14.4	0.4	17	1		
1055	14.4	0.4	16	1	US-09-263-959-541	Sequence 541, App	1127	14.4	0.4	17	1		
					US-09-263-959-544	Sequence 544, App	1128	14.4	0.4	18	1		

1129	14.4	0.4	18	1	US-09-892-325-6	Sequence 6, Appli	1202	14.4	0.4	18	1	US-09-908-576-229	Sequence 229, App
1130	14.4	0.4	18	1	US-09-909-320-229	Sequence 229, App	1203	14.4	0.4	18	1	US-10-282-958-24	Sequence 24, Appli
1131	14.4	0.4	18	1	US-09-969-373-3935	Sequence 3935, App	1204	14.4	0.4	18	1	US-10-299-976-229	Sequence 229, App
1132	14.4	0.4	18	1	US-09-909-088B-229	Sequence 229, App	1205	14.4	0.4	18	1	US-10-299-937-229	Sequence 229, App
1133	14.4	0.4	18	1	US-09-905-291A-229	Sequence 229, App	c1206	14.4	0.4	18	1	US-10-440-850-1134	Sequence 1134, App
1134	14.4	0.4	18	1	US-09-349-755-24	Sequence 24, Appli	1207	14.4	0.4	18	1	US-10-298-993-229	Sequence 229, App
1135	14.4	0.4	18	1	US-09-166-334-24	Sequence 24, Appli	1208	14.4	0.4	18	1	US-10-448-923-229	Sequence 229, App
1136	14.4	0.4	18	1	US-09-902-853-229	Sequence 229, App	1209	14.4	0.4	18	1	US-10-449-656-229	Sequence 229, App
1137	14.4	0.4	18	1	US-09-907-824-229	Sequence 229, App	1210	14.4	0.4	18	1	US-10-448-713-229	Sequence 229, App
1138	14.4	0.4	18	1	US-09-907-841-229	Sequence 229, App	1211	14.4	0.4	18	1	US-10-206-618-33	Sequence 33, Appli
1139	14.4	0.4	18	1	US-09-904-011-229	Sequence 229, App	1212	14.4	0.4	18	1	US-10-425-447-229	Sequence 229, App
1140	14.4	0.4	18	1	US-09-903-640-229	Sequence 229, App	1213	14.4	0.4	18	1	US-10-215-371-229	Sequence 229, App
1141	14.4	0.4	18	1	US-09-908-093-229	Sequence 229, App	1214	14.4	0.4	18	1	US-10-771-187-229	Sequence 229, App
1142	14.4	0.4	18	1	US-09-906-742-229	Sequence 229, App	c1215	14.4	0.4	19	1	US-09-881-012-230	Sequence 230, App
1143	14.4	0.4	18	1	US-09-906-838-229	Sequence 229, App	c1216	14.4	0.4	19	1	US-09-754-066-6	Sequence 6, Appli
1144	14.4	0.4	18	1	US-09-907-613-229	Sequence 229, App	1217	14.4	0.4	19	1	US-10-251-117-712	Sequence 712, App
1145	14.4	0.4	18	1	US-09-907-942-229	Sequence 229, App	c1218	14.4	0.4	19	1	US-10-251-117-1019	Sequence 1019, App
1146	14.4	0.4	18	1	US-09-904-859-229	Sequence 229, App	1219	14.4	0.4	19	1	US-10-244-647-370	Sequence 370, App
1147	14.4	0.4	18	1	US-09-909-204-229	Sequence 229, App	1220	14.4	0.4	19	1	US-10-244-647-380	Sequence 380, App
1148	14.4	0.4	18	1	US-09-904-820-229	Sequence 229, App	1221	14.4	0.4	19	1	US-10-244-647-411	Sequence 411, App
1149	14.4	0.4	18	1	US-09-904-786-229	Sequence 229, App	1222	14.4	0.4	19	1	US-10-244-647-415	Sequence 415, App
1150	14.4	0.4	18	1	US-09-906-646-229	Sequence 229, App	c1223	14.4	0.4	19	1	US-10-244-647-1016	Sequence 1016, App
1151	14.4	0.4	18	1	US-09-906-700-229	Sequence 229, App	c1224	14.4	0.4	19	1	US-10-244-647-1026	Sequence 1026, App
1152	14.4	0.4	18	1	US-09-903-786-229	Sequence 229, App	c1225	14.4	0.4	19	1	US-10-244-647-1057	Sequence 1057, App
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1154	14.4	0.4	18	1	US-09-903-749A-229	Sequence 229, App	1227	14.4	0.4	19	1	US-10-665-951-1042	Sequence 1042, App
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; APPLICANT: Lander, Eric S.
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US-09-801-274-960

Query Match      0.8%; Score 30.6; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 4.6;
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1407 CTGCACGACGCGCGGCCCTGTACGTGCTG 1437
Db 1 CTGCACGACGCGCGGCCCTGTACGTGCTG 31

RESULT 34
US-09-852-903C-21/c
; Sequence 21, Application US/09852903C
; Publication No. US20030104376A1
; GENERAL INFORMATION:
; APPLICANT: Diattech Pty. Ltd.
; TITLE OF INVENTION: An assay
; FILE REFERENCE: 2414918/BJH
; CURRENT APPLICATION NUMBER: US/09/852,903C
; CURRENT FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: US 60/202,771
; PRIOR FILING DATE: 2000-05-09
; PRIOR APPLICATION NUMBER: US 60/202,559
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 21
; LENGTH: 32
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ( )
; OTHER INFORMATION: CA-17
US-09-852-903C-21

Query Match      0.8%; Score 30.4; DB 1; Length 32;
Best Local Similarity 96.9%; Pred. No. 5.2;
Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGTGTGTGTGTGTG 2349
Db 32 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 35
US-10-723-940-10/c
; Sequence 10, Application US/10723940
; Publication No. US20040185468A1
; GENERAL INFORMATION:
; APPLICANT: Leonard, Sherry
; APPLICANT: Freeman, Robert
; TITLE OF INVENTION: Promoter Variants in the Alpha-7 Nicotinic Acetylcholine Receptor
; FILE REFERENCE: 2001-12-27
```

```
; FILE REFERENCE: VARD-07989
; CURRENT APPLICATION NUMBER: US/10/723,940
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: 08/956,518
; PRIOR FILING DATE: 1997-10-23
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-723-940-10

Query Match      0.8%; Score 30.4; DB 1; Length 32;
Best Local Similarity 96.9%; Pred. No. 5.2;
Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGTGTGTGTGTGTG 2349
Db 32 TGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 1

RESULT 36
US-10-085-906-27
; Sequence 27, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 27
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-27

Query Match      0.8%; Score 29.4; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 7.2;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTGTGTG 2349
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGTG 31

RESULT 37
US-10-035-833A-117
; Sequence 117, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
```

; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 117  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-117

Query Match 0.8%; Score 28.8; DB 1; Length 41;  
Best Local Similarity 88.2%; Pred. No. 12;  
Matches 30; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2320 TGTGTGTGTGTGCGGTGTGTGTGTGTGTGTGCA 2353  
||||| : |||||  
Db 5 TGTGTGTGTGTGTAKGTGTGTGAGTGTGTGCA 38

## RESULT 38

US-10-035-833A-5456  
; Sequence 5456, Application US/10035833A  
; Publication No. US20040072156A1  
; GENERAL INFORMATION:  
; APPLICANT: Nakamura, Yuho  
; APPLICANT: Sekine, Akihiro  
; APPLICANT: Iida, Aritoshi  
; APPLICANT: Saito, Osamu  
; TITLE OF INVENTION: Detection of Genetic Polymorphisms  
; FILE REFERENCE: FORS-06904  
; CURRENT APPLICATION NUMBER: US/10/035.833A  
; CURRENT FILING DATE: 2001-12-27  
; NUMBER OF SEQ ID NOS: 7669  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 5456  
; LENGTH: 41  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-035-833A-5456

Query Match 0.8%; Score 28.8; DB 1; Length 41;  
Best Local Similarity 88.2%; Pred. No. 12;  
Matches 30; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2320 TGTGTGTGTGCGGTGTGTGTGTGTGTGTGCA 2353  
||||| : |||||  
Db 5 TGTGTGTGTGTGTAKGTGTGTGAGTGTGTGCA 38

## RESULT 39

US-10-267-209-2  
; Sequence 2, Application US/10267209  
; Publication No. US20030105057A1  
; GENERAL INFORMATION:  
; APPLICANT: Fu, Xin-Yuan  
; APPLICANT: Chin, Yue E.  
; APPLICANT: Xie, Bing  
; TITLE OF INVENTION: Methods and Compositions for Stimulating Apoptosis and  
; TITLE OF INVENTION: Cell Death or for Inhibiting Cell Growth and Cell  
; TITLE OF INVENTION: Attachment  
; FILE REFERENCE: 44574-5019-US  
; CURRENT APPLICATION NUMBER: US/10/267,209  
; CURRENT FILING DATE: 2002-10-09  
; PRIOR FILING DATE: 1998-03-19  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 36  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Sequence for  
; OTHER INFORMATION: site-directed mutagenesis of FGFR3 (mouse K644E)  
US-10-267-209-2

Query Match 0.8%; Score 28.6; DB 1; Length 36;  
Best Local Similarity 88.6%; Pred. No. 11;  
Matches 31; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1711 GACTACTACAGAGACCAACCAACGCGCGCTCCC 1745  
||||| : |||||  
Db 2 GACTACTACAGAGACCAACCAACGCGCGCTACC 36

## RESULT 40

US-10-085-906-93  
; Sequence 93, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 93  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-93

Query Match 0.7%; Score 28.4; DB 1; Length 30;  
Best Local Similarity 96.7%; Pred. No. 9.9;  
Matches 29; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTGTGTGTGTGTGTGT 2348  
||||| : |||||  
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 30

## RESULT 41

US-09-263-959-665  
; Sequence 665, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:





Query Match 0.7%; Score 25.4; DB 1; Length 27;  
Best Local Similarity 96.3%; Pred. No. 26;  
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTG 2345  
|||||  
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTG 27

## RESULT 46

US-09-263-959-770  
; Sequence 770, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 770:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 27 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-770

Query Match 0.7%; Score 25.4; DB 1; Length 27;  
Best Local Similarity 96.3%; Pred. No. 26;  
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGTGTGTGTG 2344  
|||||  
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTG 27

## RESULT 47

US-10-168-327-2  
; Sequence 2, Application US/10168327  
; Publication No. US20030176381A1  
; GENERAL INFORMATION:  
; APPLICANT: Phillips, Nigel C.  
; APPLICANT: Fillon, Mario C.  
; TITLE OF INVENTION: Hyaluronic Acid in the Treatment of Cancer  
; FILE REFERENCE: 02811-0211 (42368-274915)  
; CURRENT APPLICATION NUMBER: US/10/168,327  
; CURRENT FILING DATE: 2002-10-07  
; PRIOR APPLICATION NUMBER: PCT/CA00/01562  
; PRIOR FILING DATE: 2000-12-28

; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 27  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic oligonucleotide  
US-10-168-327-2

Query Match 0.7%; Score 25.4; DB 1; Length 27;  
Best Local Similarity 96.3%; Pred. No. 26;  
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGTGTGTGTG 2345  
|||||  
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTG 27

## RESULT 48

US-09-263-959-600  
; Sequence 600, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 600:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 30 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-600

Query Match 0.7%; Score 25.2; DB 1; Length 30;  
Best Local Similarity 90.0%; Pred. No. 31;  
Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGTGTGTGTG 2347  
|||||  
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTG 30

## RESULT 49

US-10-055-728-105  
; Sequence 105, Application US/10055728  
; Publication No. US20030170720A1

; GENERAL INFORMATION:  
; APPLICANT: van der Kuyl, Antoinette C.  
; APPLICANT: Cornelissen, Marion  
; TITLE OF INVENTION: MEANS AND METHODS FOR TREATMENT EVALUATION  
; FILE REFERENCE: 5244US (REN/P55190US00)  
; CURRENT APPLICATION NUMBER: US/10/055,728  
; CURRENT FILING DATE: 2002-04-19  
; PRIOR APPLICATION NUMBER: 60/325,722  
; PRIOR FILING DATE: 2001-09-28  
; PRIOR APPLICATION NUMBER: EP 0120373.2  
; PRIOR FILING DATE: 2001-09-28  
; PRIOR APPLICATION NUMBER: EP 01200228.3  
; PRIOR FILING DATE: 2001-01-23  
; NUMBER OF SEQ ID NOS: 156  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 105  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 5'TAG019GENE  
US-10-055-728-105

Query Match 0.7%; Score 25; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 27;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1648 GTGACCGAGGACACGCGTGATGAAGA 1672  
|||||  
Db 1 GTGACCGAGGACACGCGTGATGAAGA 25

RESULT 50  
US-10-310-677-105  
; Sequence 105, Application US/10310677  
; Publication No. US20030219772A1  
; GENERAL INFORMATION:  
; APPLICANT: Kuyl v.d., Antoinette C.  
; APPLICANT: Cornelissen, Marion  
; TITLE OF INVENTION: Means and methods for treatment evaluation  
; FILE REFERENCE: P55190US10  
; CURRENT APPLICATION NUMBER: US/10/310,677  
; CURRENT FILING DATE: 2002-12-05  
; PRIOR APPLICATION NUMBER: EP 01200228.3  
; PRIOR FILING DATE: 2001-01-23  
; PRIOR APPLICATION NUMBER: EP 01203703.2  
; PRIOR FILING DATE: 2001-09-28  
; PRIOR APPLICATION NUMBER: US 60/325,722  
; PRIOR FILING DATE: 2001-09-28  
; NUMBER OF SEQ ID NOS: 165  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 105  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: 5'TAG019GENE  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(25)  
US-10-310-677-105

Query Match 0.7%; Score 25; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 27;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1648 GTGACCGAGGACACGCGTGATGAAGA 1672  
|||||  
Db 1 GTGACCGAGGACACGCGTGATGAAGA 25

RESULT 51  
US-10-403-161-141

; Sequence 141, Application US/10403161  
; Publication No. US20040043930A1  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, David et al.  
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 21402-573C  
; CURRENT APPLICATION NUMBER: US/10/403,161  
; CURRENT FILING DATE: 2003-03-31  
; PRIOR APPLICATION NUMBER: 60/370349  
; PRIOR FILING DATE: 2002-04-05  
; PRIOR APPLICATION NUMBER: 60/384543  
; PRIOR FILING DATE: 2002-05-30  
; PRIOR APPLICATION NUMBER: 60/370969  
; PRIOR FILING DATE: 2002-04-08  
; PRIOR APPLICATION NUMBER: 60/403748  
; PRIOR FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: 60/372019  
; PRIOR FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: 60/374379  
; PRIOR FILING DATE: 2002-04-22  
; PRIOR APPLICATION NUMBER: 09/779679  
; PRIOR FILING DATE: 2001-02-08  
; PRIOR APPLICATION NUMBER: 60/181045  
; PRIOR FILING DATE: 2000-02-08  
; PRIOR APPLICATION NUMBER: 10/055877  
; PRIOR FILING DATE: 2002-01-22  
; PRIOR APPLICATION NUMBER: 60/262892  
; PRIOR FILING DATE: 2001-01-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 173  
; SOFTWARE: CuraseqList version 0.1  
; SEQ ID NO 141  
; LENGTH: 26  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-403-161-141

Query Match 0.7%; Score 25; DB 1; Length 26;  
Best Local Similarity 100.0%; Pred. No. 28;  
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 714 CGCTAACACCCACCGACAGGAGCTA 738  
|||||  
Db 2 CGCTAACACCCACCGACAGGAGCTA 26

RESULT 52  
US-10-403-161-144  
; Sequence 144, Application US/10403161  
; Publication No. US20040043930A1  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, David et al.  
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 21402-573C  
; CURRENT APPLICATION NUMBER: US/10/403,161  
; CURRENT FILING DATE: 2003-03-31  
; PRIOR APPLICATION NUMBER: 60/370349  
; PRIOR FILING DATE: 2002-04-05  
; PRIOR APPLICATION NUMBER: 60/384543  
; PRIOR FILING DATE: 2002-05-30  
; PRIOR APPLICATION NUMBER: 60/370969  
; PRIOR FILING DATE: 2002-04-08  
; PRIOR APPLICATION NUMBER: 60/403748  
; PRIOR FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: 60/372019  
; PRIOR FILING DATE: 2002-04-12  
; PRIOR APPLICATION NUMBER: 60/374379  
; PRIOR FILING DATE: 2002-04-22  
; PRIOR APPLICATION NUMBER: 09/779679  
; PRIOR FILING DATE: 2001-02-08  
; PRIOR APPLICATION NUMBER: 60/181045

```
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 144
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-147

Query Match      0.7%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      714 CGCTAACACACCGACGAGGAGCTA 738
      |||||
Db      2 CGCTAACACACCGACGAGGAGCTA 26

RESULT 53
US-10-403-161-147
; Sequence 147, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403.161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 147
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-147

Query Match      0.7%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1306 AAAGACGATGCCACTGACAGGACC 1330
      |||||
Db      2 AAAGACGATGCCACTGACAGGACC 26
```

```
RESULT 54
US-10-055-728-106/c
; Sequence 106, Application US/10055728
; Publication No. US20030170720A1
; GENERAL INFORMATION:
; APPLICANT: van der Kuyt, Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: MEANS AND METHODS FOR TREATMENT EVALUATION
; FILE REFERENCE: 5244US (REN/P55190US00)
; CURRENT APPLICATION NUMBER: US/10/055,728
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/325,722
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 0120373.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 106
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'TAG019GENE
US-10-055-728-106

Query Match      0.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1933 ACACAGCAGCTGTACATGATCATG 1956
      |||||
Db      24 ACACAGCAGCTGTACATGATCATG 1

RESULT 55
US-10-310-677-106/c
; Sequence 106, Application US/10310677
; Publication No. US20030219772A1
; GENERAL INFORMATION:
; APPLICANT: Kuyt v.d., Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: Means and methods for treatment evaluation
; FILE REFERENCE: P55190US10
; CURRENT APPLICATION NUMBER: US/10/310,677
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: EP 01203703.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US 60/325,722
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3'TAG019GENE
US-10-310-677-106

Query Match      0.6%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1933 ACACAGCAGCTGTACATGATCATG 1956
```

[illegible]

```
Db 1 GTGTGTGTGTGTGTGTGTGTGT 24

RESULT 60
US-09-776-479-1068
; Sequence 1068, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1068

Query Match 0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGT 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 61
US-09-776-479-1068
; Sequence 1068, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1068

Query Match 0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGT 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 62
US-09-909-317-6/c
; Sequence 6, Application US/09909317
; Publication No. US20040152075A1
; GENERAL INFORMATION:
; APPLICANT: Betty P. Tsao (Inventor)
; APPLICANT: Rita M. Cantor (Inventor)
; APPLICANT: Jerome I. Rotter (Inventor)
; TITLE OF INVENTION: Genetic Marker Test for Lupus
; FILE REFERENCE: 18810-82152
; CURRENT APPLICATION NUMBER: US/09/909,317
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 09/280,181
; PRIOR FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Synthetic Sequence
US-09-909-317-6

Query Match 0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGT 2341
Db 24 TGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 63
US-10-112-653-1012
; Sequence 1012, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 1012
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-1012

Query Match 0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGT 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 64
US-10-017-995-1068
; Sequence 1068, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
```

```
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-1068

Query Match      0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTG 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTG 24

RESULT 65
US-10-314-578-1068
; Sequence 1068, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1068

Query Match      0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTG 2341
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGTG 24

RESULT 66
US-10-374-307-7/c
; Sequence 7, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1068
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-085-906-363

Query Match      0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGTGT 2342
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 67
US-10-374-307-12
; Sequence 12, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
; US-10-374-307-12

Query Match      0.6%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 65;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGTGT 2342
Db 1 GTGTGTGTGTGTGTGTGTGTGTGTGT 24

RESULT 68
US-10-085-906-363
; Sequence 363, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 363
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-085-906-363
```

```
; Sequence 22, Application US/10462896
; Publication No. US20040005704A1
; GENERAL INFORMATION:
; APPLICANT: California Institute of Technology
; TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System Progenitor Cells
; FILE REFERENCE: 2726-CIPI-D
; CURRENT APPLICATION NUMBER: US/10/462,896
; CURRENT FILING DATE: 2003-06-13
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 09/425,462
; PRIOR FILING DATE: 1998-11-18
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 22
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reverse PCR primer for FGFR3
US-10-462-896-22

Query Match      0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GAGACAAAGTTTGGCAGCATCC 487
Db 22 GAGACAAAGTTTGGCAGCATCC 1

RESULT 72
US-10-403-161-148/c
; Sequence 148, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: Curaseq1 version 0.1
; SEQ ID NO 148
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-148

Query Match      0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGAGATGACGAAGAC 183
Db 1 ATCTCGGAGATGACGAAGAC 22

RESULT 71
US-10-462-896-22/c
; Sequence 21, Application US/10462896
; Publication No. US20040005704A1
; GENERAL INFORMATION:
; APPLICANT: California Institute of Technology
; TITLE OF INVENTION: Low Oxygen Culturing of Central Nervous System Progenitor Cells
; FILE REFERENCE: 2726-CIPI-D
; CURRENT APPLICATION NUMBER: US/10/462,896
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: 09/425,462
; PRIOR FILING DATE: 1999-10-22
; PRIOR APPLICATION NUMBER: 09/195,569
; PRIOR FILING DATE: 1998-11-18
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 21
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Forward PCR primer for FGFR3
US-10-462-896-21

Query Match      0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CCGCAGCGCTGTCCACGTAGC 1292
Db 1 CCGCAGCGCTGTCCACGTAGC 22

RESULT 69
US-09-953-047-6
; Sequence 6, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-09-953-047-6

Query Match      0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATATATATAT 2852
Db 1 ATATACATATATATATATATATATAT 27

RESULT 68
US-09-953-047-6
; Sequence 6, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-09-953-047-6

Query Match      0.6%; Score 22; DB 1; Length 27;
Best Local Similarity 88.9%; Pred. No. 80;
Matches 24; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATATATATATAT 2852
Db 1 ATATACATATATATATATATATATATAT 27
```

```
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1343 TGTCGAGATGGAGATGATGAA 1364
Db 22 TGTCGAGATGGAGATGATGAA 1

RESULT 73
US-10-630-401-6
; Sequence 6, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-630-401-6

Query Match 0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CCGCAGCCTGTACCGTAGC 1292
Db 1 CCGCAGCCTGTACCGTAGC 22

RESULT 74
US-10-626-772-47
; Sequence 47, Application US/10626772
; Publication No. US20040072344A1
; GENERAL INFORMATION:
; APPLICANT: KAZUTOMO INOUE,
; APPLICANT: DOHOON KIM,
; APPLICANT: YANJUN GU
; APPLICANT: MICHIO ISHII
; TITLE OF INVENTION: METHOD FOR INDUCING DIFFERENTIATION OF EMBRYONIC STEM CELLS INTO FUNCTIONING CELLS
; FILE REFERENCE: 0020-5157P
; CURRENT APPLICATION NUMBER: US/10/626,772
; CURRENT FILING DATE: 2003-07-25
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 47
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-10-626-772-47

Query Match 0.6%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGGAGATGACGAAGAC 183
Db 1 ATCTCGGGAGATGACGAAGAC 22
```

```
RESULT 75
US-09-953-562-24
; Sequence 24, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS CELL CARCINOMA
; FILE REFERENCE: E6114-01
; CURRENT APPLICATION NUMBER: US/09/953,562
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 24
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-953-562-24

Query Match 0.6%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 75;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1854 CCGTACCCCGCATCCCTGTG 1875
Db 3 CCGTACCCCGCATCCCTGTG 24

RESULT 76
US-10-085-906-111
; Sequence 111, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 111
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-111

Query Match 0.6%; Score 22; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 79;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATA 2844
Db 3 TATATATACATATATATATA 24

RESULT 77
US-10-085-906-303
; Sequence 303, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
```



; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 303  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-303

Query Match 0.6%; Score 22; DB 1; Length 25;  
Best Local Similarity 100.0%; Pred. No. 79;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2823 TATATACATATATATATATA 2844  
Db 3 TATATACATATATATATATA 24

RESULT 78  
US-09-999-220B-27  
; Sequence 27, Application US/09999220B  
; Publication No. US20030059923A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL ALPHA-SUB  
; FILE REFERENCE: D005ONP  
; CURRENT APPLICATION NUMBER: US/09/999,220B  
; CURRENT FILING DATE: 2002-06-04  
; PRIOR APPLICATION NUMBER: US 60/245,383  
; PRIOR FILING DATE: 2000-11-02  
; PRIOR APPLICATION NUMBER: US 60/257,780  
; PRIOR FILING DATE: 2000-12-21  
; PRIOR APPLICATION NUMBER: US 60/269,854  
; PRIOR FILING DATE: 2001-02-20  
; NUMBER OF SEQ ID NOS: 143  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 27  
; LENGTH: 31  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-09-999-220B-27

Query Match 0.6%; Score 22; DB 1; Length 31;  
Best Local Similarity 83.3%; Pred. No. 1e+02;  
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 172 GATGACGACGCGGGGAGGAGGCTGAG 201  
Db 2 GAAGACGACGACGCGGGGAGGAGGACCAG 31

RESULT 79  
US-09-999-220B-86  
; Sequence 86, Application US/09999220B  
; Publication No. US20030059923A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL ALPHA-SUB  
; FILE REFERENCE: D005ONP  
; CURRENT APPLICATION NUMBER: US/09/999,220B  
; CURRENT FILING DATE: 2002-06-04

; PRIOR APPLICATION NUMBER: US 60/245,383  
; PRIOR FILING DATE: 2000-11-02  
; PRIOR APPLICATION NUMBER: US 60/257,780  
; PRIOR FILING DATE: 2000-12-21  
; PRIOR APPLICATION NUMBER: US 60/269,854  
; PRIOR FILING DATE: 2001-02-20  
; NUMBER OF SEQ ID NOS: 143  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 86  
; LENGTH: 31  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-09-999-220B-86

Query Match 0.6%; Score 22; DB 1; Length 31;  
Best Local Similarity 83.3%; Pred. No. 1e+02;  
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 172 GATGACGACGCGGGGAGGAGGCTGAG 201  
Db 2 GAAGACGACGACGCGGGGAGGAGGACCAG 31

RESULT 80  
US-09-999-220B-98  
; Sequence 98, Application US/09999220B  
; Publication No. US20030059923A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL ALPHA-SUB  
; FILE REFERENCE: D005ONP  
; CURRENT APPLICATION NUMBER: US/09/999,220B  
; CURRENT FILING DATE: 2002-06-04  
; PRIOR APPLICATION NUMBER: US 60/245,383  
; PRIOR FILING DATE: 2000-11-02  
; PRIOR APPLICATION NUMBER: US 60/257,780  
; PRIOR FILING DATE: 2000-12-21  
; PRIOR APPLICATION NUMBER: US 60/269,854  
; PRIOR FILING DATE: 2001-02-20  
; NUMBER OF SEQ ID NOS: 143  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 98  
; LENGTH: 31  
; TYPE: DNA  
; ORGANISM: homo sapiens  
US-09-999-220B-98

Query Match 0.6%; Score 22; DB 1; Length 31;  
Best Local Similarity 83.3%; Pred. No. 1e+02;  
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 172 GATGACGACGCGGGGAGGAGGCTGAG 201  
Db 2 GAAGACGACGACGCGGGGAGGAGGACCAG 31

RESULT 81  
US-09-953-047-5/c  
; Sequence 5, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 5  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-953-047-5

Query Match          0.6%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1297 AAGATGCTGAAGACGATGCC 1317
Db 21 AAGATGCTGAAGACGATGCC 1

RESULT 82
US-10-403-161-142/c
; Sequence 142, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 142
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-142

Query Match          0.6%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 742 GTTCTCTCTTGCACACGTC 762
Db 21 GTTCTCTCTTGCACACGTC 1

RESULT 84
US-10-630-401-5/c
; Sequence 5, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-630-401-5

Query Match          0.6%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1297 AAGATGCTGAAGACGATGCC 1317
Db 21 AAGATGCTGAAGACGATGCC 1

RESULT 85
US-09-953-562-2/c
```

```
; Sequence 2, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
; TITLE OF INVENTION: CELL CARCINOMA
; FILE REFERENCE: B6114-01
; CURRENT APPLICATION NUMBER: US/09/953,562
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 2
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Downstream primer
US-09-953-562-2

Query Match      0.5%; Score 20.6; DB 1; Length 27;
Best Local Similarity 85.2%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2180 GGGGCTCGGCGACGTGAAGGCGCACTG 2206
Db      |||||
27 GGGGCTCGGCGACGTGAAGGAATTCTG 1

RESULT 86
US-10-773-951-54
; Sequence 54, Application US/10773951
; Publication No. US20040157255A1
; GENERAL INFORMATION:
; APPLICANT: Agus, David
; APPLICANT: Shak, Steven
; APPLICANT: Cronin, Maureen
; APPLICANT: Baker, Joffre
; TITLE OF INVENTION: Gene Expression Markers for Response to
; TITLE OF INVENTION: EGFR Inhibitor Drugs
; FILE REFERENCE: 39740/0009
; CURRENT APPLICATION NUMBER: US/10/773,951
; CURRENT FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: 60/445,968
; PRIOR FILING DATE: 2003-02-06
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: probe
US-10-773-951-54

Query Match      0.5%; Score 20.6; DB 1; Length 27;
Best Local Similarity 85.2%; Pred. No. 1.4e+02;
Matches 23; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1718 ACAAGAGACAACCAACGGCGGCTCC 1744
Db      |||||
1 ATAAAAAGACAACCAACGGCGGCTGC 27

RESULT 87
US-09-953-562-25
; Sequence 25, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
; TITLE OF INVENTION: CELL CARCINOMA
; FILE REFERENCE: B6114-01
```

```
; CURRENT APPLICATION NUMBER: US/09/953,562
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapiens
US-09-953-562-25

Query Match      0.5%; Score 20.4; DB 1; Length 24;
Best Local Similarity 95.5%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1854 CCGTACCCCGCATCCCTGTG 1875
Db      |||||
3 CCGTACCCCTGCATCCCTGTG 24

RESULT 88
US-10-374-307-9
; Sequence 9, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amoresse, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-9

Query Match      0.5%; Score 20.4; DB 1; Length 24;
Best Local Similarity 95.5%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2823 TATATATACATATATATATA 2844
Db      |||||
2 TATATATATATATATATATA 23

RESULT 89
US-10-374-307-9/C
; Sequence 9, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amoresse, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-9
```

Query Match 0.5%; Score 20.4; DB 1; Length 24;  
 Best Local Similarity 95.5%; Pred. No. 1.3e+02;  
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATA 2844  
 Db 23 TATATATATATATATATA 2

RESULT 90  
 US-10-085-906-318  
 ; Sequence 318, Application US/10085906  
 ; Publication No. US20030054371A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ying, Vincent  
 ; APPLICANT: Wu, Paul  
 ; APPLICANT: Gray, Gary S.  
 ; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
 ; FILE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
 ; FILE REFERENCE: GNN-5343CP2  
 ; CURRENT APPLICATION NUMBER: US/10/085,906  
 ; CURRENT FILING DATE: 2002-02-27  
 ; PRIOR APPLICATION NUMBER: US 60/126,215  
 ; PRIOR FILING DATE: 1999-03-25  
 ; PRIOR APPLICATION NUMBER: US 09/534,061  
 ; PRIOR FILING DATE: 2000-03-24  
 ; PRIOR APPLICATION NUMBER: PCT/US00/07938  
 ; PRIOR FILING DATE: 2000-03-24  
 ; NUMBER OF SEQ ID NOS: 545  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 318  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-085-906-318

Query Match 0.5%; Score 20.4; DB 1; Length 25;  
 Best Local Similarity 95.5%; Pred. No. 1.4e+02;  
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATA 2844  
 Db 2 TATATATATATATATATA 23

RESULT 91  
 US-10-085-906-318/c  
 ; Sequence 318, Application US/10085906  
 ; Publication No. US20030054371A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ying, Vincent  
 ; APPLICANT: Wu, Paul  
 ; APPLICANT: Gray, Gary S.  
 ; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
 ; FILE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
 ; FILE REFERENCE: GNN-5343CP2  
 ; CURRENT APPLICATION NUMBER: US/10/085,906  
 ; CURRENT FILING DATE: 2002-02-27  
 ; PRIOR APPLICATION NUMBER: US 60/126,215  
 ; PRIOR FILING DATE: 1999-03-25  
 ; PRIOR APPLICATION NUMBER: US 09/534,061  
 ; PRIOR FILING DATE: 2000-03-24  
 ; PRIOR APPLICATION NUMBER: PCT/US00/07938  
 ; PRIOR FILING DATE: 2000-03-24  
 ; NUMBER OF SEQ ID NOS: 545  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 318  
 ; LENGTH: 25  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-085-906-318

Query Match 0.5%; Score 20.4; DB 1; Length 25;

Best Local Similarity 95.5%; Pred. No. 1.4e+02;  
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATA 2844  
 Db 25 TATATATATATATATATA 4

RESULT 92  
 US-10-085-906-162  
 ; Sequence 162, Application US/10085906  
 ; Publication No. US20030054371A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ying, Vincent  
 ; APPLICANT: Wu, Paul  
 ; APPLICANT: Gray, Gary S.  
 ; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
 ; FILE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
 ; FILE REFERENCE: GNN-5343CP2  
 ; CURRENT APPLICATION NUMBER: US/10/085,906  
 ; CURRENT FILING DATE: 2002-02-27  
 ; PRIOR APPLICATION NUMBER: US 60/126,215  
 ; PRIOR FILING DATE: 1999-03-25  
 ; PRIOR APPLICATION NUMBER: US 09/534,061  
 ; PRIOR FILING DATE: 2000-03-24  
 ; PRIOR APPLICATION NUMBER: PCT/US00/07938  
 ; PRIOR FILING DATE: 2000-03-24  
 ; NUMBER OF SEQ ID NOS: 545  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 162  
 ; LENGTH: 26  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-085-906-162

Query Match 0.5%; Score 20.4; DB 1; Length 26;  
 Best Local Similarity 95.5%; Pred. No. 1.5e+02;  
 Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATA 2844  
 Db 2 TATATATATATATATATA 23

RESULT 93  
 US-10-085-906-162/c  
 ; Sequence 162, Application US/10085906  
 ; Publication No. US20030054371A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ying, Vincent  
 ; APPLICANT: Wu, Paul  
 ; APPLICANT: Gray, Gary S.  
 ; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
 ; FILE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
 ; FILE REFERENCE: GNN-5343CP2  
 ; CURRENT APPLICATION NUMBER: US/10/085,906  
 ; CURRENT FILING DATE: 2002-02-27  
 ; PRIOR APPLICATION NUMBER: US 60/126,215  
 ; PRIOR FILING DATE: 1999-03-25  
 ; PRIOR APPLICATION NUMBER: US 09/534,061  
 ; PRIOR FILING DATE: 2000-03-24  
 ; PRIOR APPLICATION NUMBER: PCT/US00/07938  
 ; PRIOR FILING DATE: 2000-03-24  
 ; NUMBER OF SEQ ID NOS: 545  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 162  
 ; LENGTH: 26  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-085-906-162

Query Match 0.5%; Score 20.4; DB 1; Length 26;  
 Best Local Similarity 95.5%; Pred. No. 1.5e+02;

Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2823 TATATACATATATATATATATA 2844  
|||||  
Db 25 TATATATATATATATATATATA 4

RESULT 94  
US-10-098-263B-58579/c  
; Sequence 58579, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Mittman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; PRIOR FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 58579  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-58579

Query Match 0.5%; Score 20.2; DB 1; Length 25;  
Best Local Similarity 88.0%; Pred. No. 1.5e+02;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3763 ACTTCCGAAAAATAAGACACCTG 3787  
|||||  
Db 25 ACTTACCGAAAAAGTTAAGACACCTG 1

RESULT 95  
US-10-098-263B-58580/c  
; Sequence 58580, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Mittman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; PRIOR FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 58580  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-58580

Query Match 0.5%; Score 20.2; DB 1; Length 25;  
Best Local Similarity 88.0%; Pred. No. 1.5e+02;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3763 ACTTCCGAAAAATAAGACACCTG 3787  
|||||  
Db 25 ACTTACCGAAAAACTTAAGACACCTG 1

RESULT 96  
US-10-716-029-50  
; Sequence 50, Application US/10716029  
; Publication No. US20040171038A1  
; GENERAL INFORMATION:  
; APPLICANT: Nicklin, Martin  
; APPLICANT: Duff, Gordon  
; APPLICANT: Kornman, Kenneth

; APPLICANT: Kolpin, Maryam R  
; APPLICANT: Heieh, Chung-Ming  
; APPLICANT: Govindaraju, Raju  
; APPLICANT: Aziz, Nazneen  
; TITLE OF INVENTION: The IL-1 Gene Cluster and Associated Inflammatory Polymorphisms  
; FILE REFERENCE: 24299-524 CON  
; CURRENT APPLICATION NUMBER: US/10/716,029  
; CURRENT FILING DATE: 2003-11-17  
; PRIOR APPLICATION NUMBER: 10/351,702  
; PRIOR FILING DATE: 2003-01-25  
; PRIOR APPLICATION NUMBER: 60/351,951  
; PRIOR FILING DATE: 2002-01-25  
; NUMBER OF SEQ ID NOS: 277  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 50  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-716-029-50

Query Match 0.5%; Score 20.2; DB 1; Length 25;  
Best Local Similarity 88.0%; Pred. No. 1.5e+02;  
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTG 2343  
|||||  
Db 1 GTGTGTGTGTGTGTGTGTGTGTG 25

RESULT 97  
US-09-953-047-20/c  
; Sequence 20, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 20  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-20

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 CTGTGCCACTTCAGTGTGCG 146  
|||||  
Db 20 CTGTGCCACTTCAGTGTGCG 1

RESULT 98  
US-09-953-047-21/c  
; Sequence 21, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 21  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-21

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 CAGACGCTCCATCTCGGA 171  
|||||  
Db 20 CAGACGCTCCATCTCGGA 1

## RESULT 99

US-09-953-047-22/c  
; Sequence 22, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 22  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-22

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGGAGATGACGAAG 181  
|||||  
Db 20 ATCTCGGGAGATGACGAAG 1

## RESULT 100

US-09-953-047-23/c  
; Sequence 23, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 23  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-23

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 197 CTGAGGACACAGGTGTGGAC 216  
|||||  
Db 20 CTGAGGACACAGGTGTGGAC 1

## RESULT 101

US-09-953-047-24/c  
; Sequence 24, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 24  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-24

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 ACTGGACACGGCCCGAGCGG 249  
|||||  
Db 20 ACTGGACACGGCCCGAGCGG 1

## RESULT 102

US-09-953-047-25/c  
; Sequence 25, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 25  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-25

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 326 CCTCCATCTCTGGCTGAAG 345  
|||||  
Db 20 CCTCCATCTCTGGCTGAAG 1

## RESULT 103

US-09-953-047-26/c  
; Sequence 26, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 26  
; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-26

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 483 CATCCGGCAGACGTACACGC 502  
|||||  
Db 20 CATCCGGCAGACGTACACGC 1

## RESULT 104

US-09-953-047-27/c  
; Sequence 27, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 27  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-27

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 584 ACGTGGAGTTCACCTGCAAG 603  
|||||  
Db 20 ACGTGGAGTTCACCTGCAAG 1

## RESULT 105

US-09-953-047-29/c  
; Sequence 29, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 29  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-29

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 897 AGGCATCTCAGCTACGGG 916  
|||||  
Db 20 AGGCATCTCAGCTACGGG 1

## RESULT 106

US-09-953-047-30/c  
; Sequence 30, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 30  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-30

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1024 TTCCCGCTCAAGCGACAGGT 1043  
|||||  
Db 20 TTCCCGCTCAAGCGACAGGT 1

## RESULT 107

US-09-953-047-31/c  
; Sequence 31, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-31

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1491 CCCGGGCGCTGACTACTCCT 1510  
|||||  
Db 20 CCCGGGCGCTGACTACTCCT 1

## RESULT 108

US-09-953-047-32/c  
; Sequence 32, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 32  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-32

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1688 TGGCCCGGGGACGTGCACAC 1707
      |||||
Db 20 TGGCCCGGGGACGTGCACAC 1

RESULT 109
US-09-953-047-33/c
; Sequence 33, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-33

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2185 TCGGGACGTGAAGGGCCAC 2204
      |||||
Db 20 TCGGGACGTGAAGGGCCAC 1

RESULT 110
US-09-953-047-34/c
; Sequence 34, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-34

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2211 CCAACAATGTGAGGGTCCC 2230
      |||||
Db 20 CCAACAATGTGAGGGTCCC 1

RESULT 111
US-09-953-047-35/c
```

```
; Sequence 35, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-35

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2343 GTGTGTGCACATCCGCGT 2362
      |||||
Db 20 GTGTGTGCACATCCGCGT 1

RESULT 112
US-09-953-047-36/c
; Sequence 36, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-36

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2457 CGAGGGGCGCTTTGTTCTGGG 2476
      |||||
Db 20 CGAGGGGCGCTTTGTTCTGGG 1

RESULT 113
US-09-953-047-37/c
; Sequence 37, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```



; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-37

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2534 CTGGGCCGACATGGCTCGG 2553  
|||||  
DB 20 CTGGGCCGACATGGCTCGG 1

## RESULT 114

US-09-953-047-38/c  
; Sequence 38, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 38  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-38

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2572 GGGACATCACAGGTCGCT 2591  
|||||  
DB 20 GGGACATCACAGGTCGCT 1

## RESULT 115

US-09-953-047-39/c  
; Sequence 39, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 39  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-39

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2798 CTATAAATAGATGCTGTGTA 2817  
|||||  
DB 20 CTATAAATAGATGCTGTGTA 1

## RESULT 116

US-09-953-047-40/c  
; Sequence 40, Application US/09953047

; Publication No. US20030087854A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 40  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-40

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2853 GGAAGAGGAAAAGGCTGGTA 2872  
|||||  
DB 20 GGAAGAGGAAAAGGCTGGTA 1

## RESULT 117

US-09-953-047-41/c  
; Sequence 41, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 41  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-41

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2870 GTACAACGGAGCGCTGGAC 2889  
|||||  
DB 20 GTACAACGGAGCGCTGGAC 1

## RESULT 118

US-09-953-047-42/c  
; Sequence 42, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-42

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2884 TCGGACCTCTGGGGGCACAGG 2903  
|||||  
DB 20 TCGGACCTCTGGGGGCACAGG 1

RESULT 119

US-09-953-047-43/c  
; Sequence 43, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 43  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-43

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 GTAAAGCTATTATGGGCC 3053  
|||||  
DB 20 GTAAAGCTATTATGGGCC 1

RESULT 120

US-09-953-047-44/c  
; Sequence 44, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 44  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-44

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3121 TTTTAACTTATGCAACC 3140  
|||||  
DB 20 TTTTAACTTATGCAACC 1

RESULT 121

US-09-953-047-45/c  
; Sequence 45, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 45  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-45

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3157 CCGATAGAGGACGCCCAAG 3176  
|||||  
DB 20 CCGATAGAGGACGCCCAAG 1

RESULT 122

US-09-953-047-46/c  
; Sequence 46, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-46

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3248 GATTCAGTGAAGATATTTT 3267  
|||||  
DB 20 GATTCAGTGAAGATATTTT 1

RESULT 123

US-09-953-047-47/c  
; Sequence 47, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 47  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-47

```
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3273 CTTTGTCCCTTTTTCAGGAGA 3292
Db 20 CTTTGTCCCTTTTTCAGGAGA 1

RESULT 124
US-09-953-047-48/c
; Sequence 48, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-48

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3349 GCTGGTATTTTTCACAAAT 3368
Db 20 GCTGGTATTTTTCACAAAT 1

RESULT 125
US-09-953-047-49/c
; Sequence 49, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-49

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3374 TAATTGCTGTGTCCAGG 3393
Db 20 TAATTGCTGTGTCCAGG 1

RESULT 126
US-09-953-047-50/c
; Sequence 50, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-50

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3273 CTTTGTCCCTTTTTCAGGAGA 3292
Db 20 CTTTGTCCCTTTTTCAGGAGA 1

RESULT 124
US-09-953-047-48/c
; Sequence 48, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-48

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3349 GCTGGTATTTTTCACAAAT 3368
Db 20 GCTGGTATTTTTCACAAAT 1

RESULT 125
US-09-953-047-49/c
; Sequence 49, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-49

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3374 TAATTGCTGTGTCCAGG 3393
Db 20 TAATTGCTGTGTCCAGG 1

RESULT 126
US-09-953-047-50/c
; Sequence 50, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-50
```

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3652 TTGCTTGCTGCTGAGGGCCAT 3671  
|||||  
Db 20 TTGCTTGCTGCTGAGGGCCAT 1

RESULT 129  
US-09-953-047-53/c  
; Sequence 53, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-53

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3690 CTTGGGGCCAGTCATGCT 3709  
|||||  
Db 20 CTTGGGGCCAGTCATGCT 1

RESULT 130  
US-09-953-047-54/c  
; Sequence 54, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 54  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-54

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3767 TCCGAAATAAAGACACCT 3786  
|||||  
Db 20 TCCGAAATAAAGACACCT 1

RESULT 131  
US-09-953-047-55/c  
; Sequence 55, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-55

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3777 AAAGACACCTGGTTGCTAAC 3796  
|||||  
Db 20 AAAGACACCTGGTTGCTAAC 1

RESULT 132  
US-09-953-047-71/c  
; Sequence 71, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 71  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-71

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 110 GGCTCAGCAGCGGTACTG 129  
|||||  
Db 20 GGCTCAGCAGCGGTACTG 1

RESULT 133  
US-09-953-047-72/c  
; Sequence 72, Application US/09953047  
; Publication No. US20030087854A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 72  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-72

Query Match 0.5%; Score 20; DB 1; Length 20;

```
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 122 GCGTACTGTGCCACTTCAGT 141
    |||||
Db 20 GCGTACTGTGCCACTTCAGT 1

RESULT 134
US-09-953-047-73/c
; Sequence 73, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-73

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 262 CTGCTGCGCGTGCCTGCGCGC 281
    |||||
Db 20 CTGCTGCGCGTGCCTGCGCGC 1

RESULT 135
US-09-953-047-74/c
; Sequence 74, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-74

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 396 GCATCAGCAGTGGAGCCTGG 415
    |||||
Db 20 GCATCAGCAGTGGAGCCTGG 1

RESULT 136
US-09-953-047-75/c
; Sequence 75, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-75
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-75

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GAGACAAGTTTGGCAGCAT 485
    |||||
Db 20 GAGACAAGTTTGGCAGCAT 1

RESULT 137
US-09-953-047-76/c
; Sequence 76, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-76

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 CAAGTTTGGCAGCATCCGCG 490
    |||||
Db 20 CAAGTTTGGCAGCATCCGCG 1

RESULT 138
US-09-953-047-77/c
; Sequence 77, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-77

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 CAAGTTTGGCAGCATCCGCG 490
    |||||
Db 20 CAAGTTTGGCAGCATCCGCG 1
```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 GTGGCCCGGACGGACACC 686  
|||||  
Db 20 GTGGCCCGGACGGACACC 1

## RESULT 139

US-09-953-047-78/c  
; Sequence 78, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 78

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-78

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 CACCACCGACAGGAGCTAG 739  
|||||  
Db 20 CACCACCGACAGGAGCTAG 1

## RESULT 140

US-09-953-047-79/c  
; Sequence 79, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 79

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-79

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 CGACAAGGAGCTAGAGTTTC 745  
|||||  
Db 20 CGACAAGGAGCTAGAGTTTC 1

## RESULT 141

US-09-953-047-80/c  
; Sequence 80, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 80

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-80

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 820 CATCACTCTGCGTGGTGGT 839  
|||||  
Db 20 CATCACTCTGCGTGGTGGT 1

## RESULT 142

US-09-953-047-81/c  
; Sequence 81, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 81

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-81

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 825 CTCTGCGTGGTGGTGGTGC 844  
|||||  
Db 20 CTCTGCGTGGTGGTGGTGC 1

## RESULT 143

US-09-953-047-82/c  
; Sequence 82, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 82

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-82

Query Match 0.5%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TGTTCATCTCGGTGGCG 948  
|||||  
Db 20 TGTTCATCTCGGTGGCG 1

## RESULT 144

US-09-953-047-83/c  
; Sequence 83, Application US/09953047  
; Publication No. US20030087854A1

## ; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 83

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-83

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1260 CAAGGACCGCGCCCAAGC 1279  
|||||  
Db 20 CAAGGACCGCGCCCAAGC 1

## RESULT 145

US-09-953-047-84/c  
; Sequence 84, Application US/09953047  
; Publication No. US20030087854A1

## ; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 84

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-84

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GCTGGTGGAGTACCGGCCA 1453  
|||||  
Db 20 GCTGGTGGAGTACCGGCCA 1

## RESULT 146

US-09-953-047-85/c  
; Sequence 85, Application US/09953047  
; Publication No. US20030087854A1

## ; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 85  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

## ; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-85

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1523 AGCCGCCCGAGGAGCAGCTC 1542  
|||||  
Db 20 AGCCGCCCGAGGAGCAGCTC 1

## RESULT 147

US-09-953-047-86/c  
; Sequence 86, Application US/09953047  
; Publication No. US20030087854A1

## ; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 86

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-86

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2031 TACCGTGACGTCCACCGACG 2050  
|||||  
Db 20 TACCGTGACGTCCACCGACG 1

## RESULT 148

US-09-953-047-87/c  
; Sequence 87, Application US/09953047  
; Publication No. US20030087854A1

## ; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 87

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-953-047-87

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2549 CTCGGCCTCTGCCTTTGCAC 2568  
Db 20 CTCGGCCTCTGCCTTTGCAC 1

## RESULT 149

US-09-953-047-88/c  
; Sequence 88, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 88  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-88

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2557 CTGCCTTTGCACACGGGAC 2576  
Db 20 CTGCCTTTGCACACGGGAC 1

## RESULT 150

US-09-953-047-89/c  
; Sequence 89, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 89  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-89

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2601 CCACACCCAAAGCTGAGCCT 2620  
Db 20 CCACACCCAAAGCTGAGCCT 1

## RESULT 151

US-09-953-047-90/c  
; Sequence 90, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 90  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-90

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2729 ACGGTACCTGAAGATGGGA 2748  
Db 20 ACGGTACCTGAAGATGGGA 1

## RESULT 152

US-09-953-047-91/c  
; Sequence 91, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 91  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-91

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2820 TGGTATATACATATATAT 2839  
Db 20 TGGTATATACATATATAT 1

## RESULT 153

US-09-953-047-92/c  
; Sequence 92, Application US/09953047  
; Publication No. US20030087854A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/09/953,047  
; CURRENT FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 92  
; LENGTH: 20

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-953-047-92

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3382 GTGTGTCCAGGAGGAGGA 3401



```
Db      20 GTGTGTCCTCCAGGCGGAGGAGA 1
|||||
RESULT 154
US-09-953-047-93/c
; Sequence 93, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-93
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      3506 TATTGTTGTAGACTTAACA 3525
|||||
Db      20 TATTGTTGTAGACTTAACA 1

RESULT 155
US-09-953-047-94/c
; Sequence 94, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-94
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      3626 GGGCCCTGAGCTGGGCAGC 3645
|||||
Db      20 GGGCCCTGAGCTGGGCAGC 1

RESULT 156
US-09-953-047-95/c
; Sequence 95, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RFS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
```

```
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-95
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      3729 ACCGCGAGGTGCGATTTTGT 3748
|||||
Db      20 ACCGCGAGGTGCGATTTTGT 1

RESULT 157
US-09-953-562-23/c
; Sequence 23, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
; FILE REFERENCE: E6114-01
; CURRENT APPLICATION NUMBER: US/09/953,562
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JF 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Exon 19 downstream primer
US-09-953-562-23
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      2188 CGGACGTGAAGGCCCACTGG 2207
|||||
Db      20 CGGACGTGAAGGCCCACTGG 1

RESULT 158
US-10-403-161-140
; Sequence 140, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
```

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; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 140
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-140

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 686 CCTACGTTACCGTGCTCAAG 705
Db 1 CCTACGTTACCGTGCTCAAG 20
|||||

RESULT 159
US-10-403-161-143
; Sequence 143, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-143

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 686 CCTACGTTACCGTGCTCAAG 705
Db 1 CCTACGTTACCGTGCTCAAG 20
|||||

```

```

Db 1 CCTACGTTACCGTGCTCAAG 20

RESULT 160
US-10-630-401-20/c
; Sequence 20, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-20

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 127 CTGTGCCACTTCAGTGTGGG 146
Db 20 CTGTGCCACTTCAGTGTGGG 1
|||||

RESULT 161
US-10-630-401-21/c
; Sequence 21, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-21

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 152 CAGAGCTCCATCTCGGGA 171
Db 20 CAGAGCTCCATCTCGGGA 1
|||||

RESULT 162
US-10-630-401-22/c
; Sequence 22, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRES

```

; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 22  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-22

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 162 ATCTCGGAGATGACGAAG 181  
Db 20 ATCTCGGAGATGACGAAG 1

RESULT 163  
US-10-630-401-23/c  
; Sequence 23, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 23  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-23

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 197 CTGAGGACACAGGTGTGGAC 216  
Db 20 CTGAGGACACAGGTGTGGAC 1

RESULT 164  
US-10-630-401-24/c  
; Sequence 24, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 24  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-24

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 ACTGGACAGGCCCGAGCGG 249  
Db 20 ACTGGACAGGCCCGAGCGG 1

RESULT 165  
US-10-630-401-25/c  
; Sequence 25, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 25  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-25

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 326 CCTCCATCTCTGGCTGAAG 345  
Db 20 CCTCCATCTCTGGCTGAAG 1

RESULT 166  
US-10-630-401-26/c  
; Sequence 26, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 26  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-26

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 483 CATCCGGCAGCGTACACGC 502  
Db 20 CATCCGGCAGCGTACACGC 1

```
RESULT 167
US-10-630-401-27/c
; Sequence 27, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-27

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 584 ACGTGGAGTTCACCTCAAG 603
Db 20 ACGTGGAGTTCACCTCAAG 1

RESULT 168
US-10-630-401-29/c
; Sequence 29, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-29

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 897 AGGCATCCTCAGTACGGGG 916
Db 20 AGGCATCCTCAGTACGGGG 1

RESULT 169
US-10-630-401-30/c
; Sequence 30, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
```

```
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-30

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1024 TTCCCGCTCAGCGACAGGT 1043
Db 20 TTCCCGCTCAGCGACAGGT 1

RESULT 170
US-10-630-401-31/c
; Sequence 31, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-31

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1491 CCGGGCGCTGGACTACTCT 1510
Db 20 CCGGGCGCTGGACTACTCT 1

RESULT 171
US-10-630-401-32/c
; Sequence 32, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-32
```

```
Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1688 TGGCCCGGACGTGCACAAC 1707
DB 20 TGGCCCGGACGTGCACAAC 1

RESULT 172
US-10-630-401-33/c
; Sequence 33, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-33

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2185 TCGCGGACGTGAAGGGCCAC 2204
DB 20 TCGCGGACGTGAAGGGCCAC 1

RESULT 173
US-10-630-401-34/c
; Sequence 34, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-34

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2211 CCAACAATGTGAGGGGTCCC 2230
DB 20 CCAACAATGTGAGGGGTCCC 1

RESULT 174
```

```
US-10-630-401-35/c
; Sequence 35, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-35

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2343 GTGTGTGTCACATCCGCGT 2362
DB 20 GTGTGTGTCACATCCGCGT 1

RESULT 175
US-10-630-401-36/c
; Sequence 36, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-36

Query Match      0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2457 CGAGGGGCGCTTTGTCTGGG 2476
DB 20 CGAGGGGCGCTTTGTCTGGG 1

RESULT 176
US-10-630-401-37/c
; Sequence 37, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-37
```

```
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-37

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2534 CTGGGCCCGACATGCGTGG 2553
Db 20 CTGGGCCCGACATGCGTGG 1

RESULT 177
US-10-630-401-38/c
; Sequence 38, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-38

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2572 GGCACATCACAGGTGGCT 2591
Db 20 GGCACATCACAGGTGGCT 1

RESULT 178
US-10-630-401-39/c
; Sequence 39, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-39

Query Match          0.5%; Score 20; DB 1; Length 20;
```

```
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2798 CTATAAATAGATGCTGTGTA 2817
Db 20 CTATAAATAGATGCTGTGTA 1

RESULT 179
US-10-630-401-40/c
; Sequence 40, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-40

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2853 GGAAGAGGAAAGGCTGGTA 2872
Db 20 GGAAGAGGAAAGGCTGGTA 1

RESULT 180
US-10-630-401-41/c
; Sequence 41, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-41

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2870 GTACACGGAGGCGCTCGAC 2889
Db 20 GTACACGGAGGCGCTCGAC 1

RESULT 181
US-10-630-401-42/c
; Sequence 42, Application US/10630401
```

; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-42

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2884 TGGACCCCTGGGGCAGG 2903  
|||||  
DB 20 TGGACCCCTGGGGCAGG 1

RESULT 182  
US-10-630-401-43/c  
; Sequence 43, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 43  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-43

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3034 GTAAAGCTATTATGGGCC 3053  
|||||  
DB 20 GTAAAGCTATTATGGGCC 1

RESULT 183  
US-10-630-401-44/c  
; Sequence 44, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 44  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-44

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3121 TTTTAACTTATTGACAACC 3140  
|||||  
DB 20 TTTTAACTTATTGACAACC 1

RESULT 184  
US-10-630-401-45/c  
; Sequence 45, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 45  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-45

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3157 CCGATAGAGGCGGCCAAG 3176  
|||||  
DB 20 CCGATAGAGGCGGCCAAG 1

RESULT 185  
US-10-630-401-46/c  
; Sequence 46, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-46

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 3248 GATTCAGTGAAGATATTTT 3267
Db 20 GATTCAGTGAAGATATTTT 1

RESULT 186
US-10-630-401-47/c
; Sequence 47, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-47

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3273 CTTTGCCCTTTTTCAGGAGA 3292
Db 20 CTTTGCCCTTTTTCAGGAGA 1

RESULT 187
US-10-630-401-48/c
; Sequence 48, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-48

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3349 GCTGGTATTTTTCATACAAAT 3368
Db 20 GCTGGTATTTTTCATACAAAT 1

RESULT 188
US-10-630-401-49/c
; Sequence 49, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
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```
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-49

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3374 TAATTGCTGTGTGCCAGG 3393
Db 20 TAATTGCTGTGTGCCAGG 1

RESULT 189
US-10-630-401-50/c
; Sequence 50, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-50

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3424 CCTGTGTGCAGGTTCCGATG 3443
Db 20 CCTGTGTGCAGGTTCCGATG 1

RESULT 190
US-10-630-401-51/c
; Sequence 51, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 51
; LENGTH: 20
```



; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-51

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3565 GCTACCTTTCAAAGCTTGG 3584  
|||||  
Db 20 GCTACCTTTCAAAGCTTGA 1

## RESULT 191

US-10-630-401-52/c  
; Sequence 52, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 52  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-52

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3652 TTGCTTGCCTGCAGGGCCAT 3671  
|||||  
Db 20 TTGCTTGCCTGCAGGGCCAT 1

## RESULT 192

US-10-630-401-53/c  
; Sequence 53, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-53

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3690 CTTGGGGCCCGATGTCATGGT 3709

Db 20 CTTGGGGCCCGATGTCATGGT 1  
|||||

## RESULT 193

US-10-630-401-54/c  
; Sequence 54, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 54  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-54

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3767 TCCGAAAAATAAGACACCT 3786  
|||||  
Db 20 TCCGAAAAATAAGACACCT 1

## RESULT 194

US-10-630-401-55/c  
; Sequence 55, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 55  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-55

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3777 AAAGACACCTGGTTGCTAAC 3796  
|||||  
Db 20 AAAGACACCTGGTTGCTAAC 1

## RESULT 195

US-10-630-401-71/c  
; Sequence 71, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 71  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-71

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-71

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 110 GGCTCAGCGAGCGCTACTG 129
Db 20 GGCTCAGCGAGCGCTACTG 1

RESULT 196
US-10-630-401-72/c
; Sequence 72, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-72

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 122 GCGTACTGTGCCACTTCAGT 141
Db 20 GCGTACTGTGCCACTTCAGT 1

RESULT 197
US-10-630-401-73/c
; Sequence 73, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-73
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-73

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 262 CTGCTGGCCGTGCCGGCCGC 281
Db 20 CTGCTGGCCGTGCCGGCCGC 1

RESULT 198
US-10-630-401-74/c
; Sequence 74, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-74

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 396 GCATCAGCAGTGGAGCCTGG 415
Db 20 GCATCAGCAGTGGAGCCTGG 1

RESULT 199
US-10-630-401-75/c
; Sequence 75, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-75

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 466 GAGACCAAGTTTGGCAGCAT 485
Db 20 GAGACCAAGTTTGGCAGCAT 1
```

```
RESULT 200
US-10-630-401-76/c
; Sequence 76, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-76
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 471 CAAGTTGGCAGCATCCGC 490
Db 20 CAAGTTGGCAGCATCCGC 1

RESULT 201
US-10-630-401-77/c
; Sequence 77, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-77
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 GTGGCCCGGACGGCACCC 686
Db 20 GTGGCCCGGACGGCACCC 1

RESULT 202
US-10-630-401-78/c
; Sequence 78, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-78/c
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 CGACACGAGGAGCTAGAGGTTTC 745
Db 20 CGACACGAGGAGCTAGAGGTTTC 1

RESULT 203
US-10-630-401-79/c
; Sequence 79, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-79
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 CACCACGACGAGGAGCTAG 739
Db 20 CACCACGACGAGGAGCTAG 1

RESULT 204
US-10-630-401-80/c
; Sequence 80, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-80/c
Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 CGACACGAGGAGCTAGAGGTTTC 745
Db 20 CGACACGAGGAGCTAGAGGTTTC 1
```

US-10-630-401-80

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 820 CATCACTCGCGTGGTGGT 839  
DB 20 CATCACTCTGCGTGGTGGT 1

RESULT 205

US-10-630-401-81/c  
; Sequence 81, Application US/10630401  
; Publication No. US20040048824A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 81  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-81

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 825 CTCCTGCGTGGCTGGTGGTGC 844  
DB 20 CTCCTGCGTGGCTGGTGGTGC 1

RESULT 206

US-10-630-401-82/c  
; Sequence 82, Application US/10630401  
; Publication No. US20040048824A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 82  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-82

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TGTTCATCTCGTGGTGGCG 948  
DB 20 TGTTCATCTCGTGGTGGCG 1

RESULT 207

US-10-630-401-83/c  
; Sequence 83, Application US/10630401  
; Publication No. US20040048824A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 83  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-83

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1260 CAAGGACCGCGCGCCAAAGC 1279  
DB 20 CAAGGACCGCGCGCCAAAGC 1

RESULT 208

US-10-630-401-84/c  
; Sequence 84, Application US/10630401  
; Publication No. US20040048824A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 84  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-630-401-84

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GCTGTGGAGTACGGCGCCA 1453  
DB 20 GCTGTGGAGTACGGCGCCA 1

RESULT 209

US-10-630-401-85/c  
; Sequence 85, Application US/10630401  
; Publication No. US20040048824A1

; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30

; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 85  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-85

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1523 AGCGGCCGAGGAGCAGCTC 1542  
DB 20 AGCGGCCGAGGAGCAGCTC 1

RESULT 210  
US-10-630-401-86/c  
; Sequence 86, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 86  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-86

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2031 TACCGTGACGTCCACCGACG 2050  
DB 20 TACCGTGACGTCCACCGACG 1

RESULT 211  
US-10-630-401-87/c  
; Sequence 87, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 87  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-87

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2549 CTCGGCCTCTGCCTTTGCAC 2568  
DB 20 CTCGGCCTCTGCCTTTGCAC 1

RESULT 212  
US-10-630-401-88/c  
; Sequence 88, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 88  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-88

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2557 CTGCGTTTGCACCGGAC 2576  
DB 20 CTGCGTTTGCACCGGAC 1

RESULT 213  
US-10-630-401-89/c  
; Sequence 89, Application US/10630401  
; Publication No. US20040048824A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
; FILE REFERENCE: RTS-0157  
; CURRENT APPLICATION NUMBER: US/10/630,401  
; CURRENT FILING DATE: 2003-07-30  
; PRIOR APPLICATION NUMBER: US/09/953,047  
; PRIOR FILING DATE: 2001-09-10  
; NUMBER OF SEQ ID NOS: 95  
; SEQ ID NO 89  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-89

Query Match 0.5%; Score 20; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2601 CCACACCCAAAGCTGAGCCT 2620  
DB 20 CCACACCCAAAGCTGAGCCT 1

RESULT 214  
US-10-630-401-90/c

```
; Sequence 90, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-90

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2729 ACGGTACCTGAAGATGGGA 2748
Db 20 ACGGTACCTGAAGATGGGA 1

RESULT 215
US-10-630-401-91/c
; Sequence 91, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 91
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-91

Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2820 TGGTATATATACATATATAT 2839
Db 20 TGGTATATATACATATATAT 1

RESULT 216
US-10-630-401-92/c
; Sequence 92, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-92
```

```
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-92
```

```
Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 3382 GTGTGTCCAGGCAGGAGAGA 3401
Db 20 GTGTGTCCAGGCAGGAGAGA 1
```

```
RESULT 217
US-10-630-401-93/c
; Sequence 93, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-93
```

```
Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 3506 TATTTGTTGTAGACTTAACA 3525
Db 20 TATTTGTTGTAGACTTAACA 1
```

```
RESULT 218
US-10-630-401-94/c
; Sequence 94, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-94
```

```
Query Match          0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
```

```
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3626 GGGCCCTGAGTCTGGGAGC 3645
      |||||
Db 20 GGGCCCTGAGTCTGGGAGC 1

RESULT 219
US-10-630-401-95/c
; Sequence 95, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; CURRENT FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-95

Query Match 0.5%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 3729 ACCGCAGGTGGCATTGT 3748
      |||||
Db 20 ACCGCAGGTGGCATTGT 1

RESULT 220
US-09-263-959-774/c
; Sequence 774, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 774:
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-774

Query Match 0.5%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 1.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2318 TGTGTGTGTGTGTGCTGCTGTGT 2340
      |||||
Db 23 TGTGTGTGTGTGTGCTGTGTGT 1

RESULT 221
US-10-455-470-24/c
; Sequence 24, Application US/10455470
; Publication No. US20040170613A1
; GENERAL INFORMATION:
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Le Couter, Jennifer
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR LIVER GROWTH AND LIVER PROTECTION
; FILE REFERENCE: P1849RIUS
; CURRENT APPLICATION NUMBER: US/10/455,470
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US 60/386,637
; PRIOR FILING DATE: 2002-06-05
; NUMBER OF SEQ ID NOS: 36
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: sequence is synthesized
; NAME/KEY: PCR probe
; LOCATION: Full
; OTHER INFORMATION: bFGF probe
US-10-455-470-24

Query Match 0.5%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 1.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2002 CAGCTGGTGAGGACCTGGACCG 2024
      |||||
Db 23 CAGTTGGTGAAGACCTGGACCG 1

RESULT 222
US-10-455-470-26/c
; Sequence 26, Application US/10455470
; Publication No. US20040170613A1
; GENERAL INFORMATION:
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Le Couter, Jennifer
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR LIVER GROWTH AND LIVER PROTECTION
; FILE REFERENCE: P1849RIUS
; CURRENT APPLICATION NUMBER: US/10/455,470
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US 60/386,637
; PRIOR FILING DATE: 2002-06-05
; NUMBER OF SEQ ID NOS: 36
; SEQ ID NO 26
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: sequence is synthesized
```

```
; NAME/KEY: PCR primer
; LOCATION: Full
; OTHER INFORMATION: PLGF reverse
US-10-455-470-26

Query Match      0.5%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 1.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2002 CAGCTGCTGGAGACCTGGACCG 2024
DB 23 CAGTTGCTGGAAGACCTGGACCG 1

RESULT 223
US-10-600-230-15/c
; Sequence 15, Application US/10600230
; Publication No. US20040092020A1
; GENERAL INFORMATION:
; APPLICANT: Wilkinson, Jack
; APPLICANT: McBride, Kevin
; APPLICANT: Bertain, Sean
; TITLE OF INVENTION: GENETIC CONSTRUCTS HAVING HETEROLOGOUS
; TITLE OF INVENTION: 3' POLYADENYLATION SIGNAL SEQUENCE MOTIFS THAT FUNCTION IN
; TITLE OF INVENTION: PLANTS
; FILE REFERENCE: 0325.210
; CURRENT APPLICATION NUMBER: US/10/600,230
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: 60/390,529
; PRIOR FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Mutagenic Oligonucleotide
US-10-600-230-15

Query Match      0.5%; Score 19.8; DB 1; Length 27;
Best Local Similarity 91.3%; Pred. No. 1.9e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGCGGTGTG 2339
DB 27 CTGTGTGTGTGTGTGTGTGTGTG 5

RESULT 224
US-09-735-363A-19
; Sequence 19, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Fillion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-19

; NAME/KEY: PCR primer
; LOCATION: Full
; OTHER INFORMATION: PLGF reverse
US-10-455-470-26

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTGT 2338
DB 1 TGTGTGTGTGTGTGTGTGTGT 21

RESULT 225
US-09-735-363A-20
; Sequence 20, Application US/09735363A
; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Fillion, Mario
; APPLICANT: Phillip, Nigel
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 20
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-20

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTGTG 2339
DB 1 GTGTGTGTGTGTGTGTGTGTG 21

RESULT 226
US-09-776-479-907
; Sequence 907, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 907
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-907

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```



QY 2318 TGTGTGTGTGTGTGTGTGTGT 2338  
Db 1 TGTGTGTGTGTGTGTGTGTGT 21

## RESULT 227

US-09-776-479-907  
; Sequence 907, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 907  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-907

Query Match 0.5%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2338  
Db 1 TGTGTGTGTGTGTGTGTGTGT 21

## RESULT 228

US-10-112-653-876  
; Sequence 876, Application US/10112653  
; Publication No. US20030050268A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Berg, Daniel J.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
; FILE REFERENCE: C01039/70060 (AWS)  
; CURRENT APPLICATION NUMBER: US/10/112,653  
; CURRENT FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: US 60/279,642  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 1040  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 876  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-876

Query Match 0.5%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2338  
Db 1 TGTGTGTGTGTGTGTGTGTGT 21

## RESULT 229

US-10-017-995-907  
; Sequence 907, Application US/10017995  
; Publication No. US20030055014A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids  
; FILE REFERENCE: C1037/7025 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/017,995  
; CURRENT FILING DATE: 2001-12-18  
; PRIOR APPLICATION NUMBER: US 60/255,534  
; PRIOR FILING DATE: 2000-12-14  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 907  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-017-995-907

Query Match 0.5%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2338  
Db 1 TGTGTGTGTGTGTGTGTGTGT 21

## RESULT 230

US-10-314-578-907  
; Sequence 907, Application US/10314578  
; Publication No. US20030212026A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Vollmer, Jorg  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids  
; FILE REFERENCE: C1039/7035 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/10/314,578  
; CURRENT FILING DATE: 2002-12-09  
; PRIOR APPLICATION NUMBER: US 60/156,113  
; PRIOR FILING DATE: 1999-09-25  
; PRIOR APPLICATION NUMBER: US 60/156,135  
; PRIOR FILING DATE: 1999-09-27  
; PRIOR APPLICATION NUMBER: US 60/227,436  
; PRIOR FILING DATE: 2000-08-23  
; NUMBER OF SEQ ID NOS: 1145  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 907  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-10-314-578-907

Query Match 0.5%; Score 19.4; DB 1; Length 21;  
Best Local Similarity 95.2%; Pred. No. 1.6e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2338  
Db 1 TGTGTGTGTGTGTGTGTGTGT 21

## RESULT 231

US-10-786-720-11524/c  
; Sequence 11524, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth

```
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11524
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11524

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2329 GTGTGCGTGTGTGTGTGTG 2349
Db 21 GTGTGCGTGTGTGTGTGTG 1

RESULT 232
US-10-786-720-11527/c
; Sequence 11527, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11527
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11527

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2327 GTGTGCGTGTGTGTGTGTG 2347
Db 21 GTGTGCGTGTGTGTGTGTG 1

RESULT 233
US-10-786-720-11530/c
; Sequence 11530, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11530
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```
US-10-786-720-11530

Query Match      0.5%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGCGTGTGTGTGTGTG 2345
Db 21 GTGTGCGTGTGTGTGTGTG 1

RESULT 234
US-09-776-479-910
; Sequence 910, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 910
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-910

Query Match      0.5%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATA 2844
Db 1 ATATATATATATATATATA 21

RESULT 235
US-09-776-479-910/c
; Sequence 910, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 910
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-910

Query Match      0.5%; Score 19.4; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2824 ATATATACATATATATATATA 2844  
Db 22 ATATATATATATATATATATA 2

## RESULT 236

US-09-776-479-910  
; Sequence 910, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 910  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-910

Query Match 0.5%; Score 19.4; DB 1; Length 22;  
Best Local Similarity 95.2%; Pred. No. 1.7e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844  
Db 1 ATATATATATATATATATATA 21

## RESULT 237

US-09-776-479-910/c  
; Sequence 910, Application US/09776479  
; Publication No. US20040067902A9  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.  
; APPLICANT: Petersen, Deanna M.  
; APPLICANT: Fouron, Yves  
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the  
; TITLE OF INVENTION: Treatment of Asthma and Allergy  
; FILE REFERENCE: C1037/7013 (HCL/MAT)  
; CURRENT APPLICATION NUMBER: US/09/776,479  
; CURRENT FILING DATE: 2001-02-02  
; PRIOR APPLICATION NUMBER: US 60/179,991  
; PRIOR FILING DATE: 2000-02-03  
; NUMBER OF SEQ ID NOS: 1093  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 910  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-776-479-910

Query Match 0.5%; Score 19.4; DB 1; Length 22;  
Best Local Similarity 95.2%; Pred. No. 1.7e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844  
Db 22 ATATATATATATATATATATA 2

## RESULT 238

US-10-112-653-879  
; Sequence 879, Application US/10112653  
; Publication No. US20030050268A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Berg, Daniel J.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES  
; FILE REFERENCE: C01039/70060(AWS)  
; CURRENT APPLICATION NUMBER: US/10/112,653  
; CURRENT FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: US 60/279,642  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 1040  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 879  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-879

Query Match 0.5%; Score 19.4; DB 1; Length 22;  
Best Local Similarity 95.2%; Pred. No. 1.7e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844  
Db 1 ATATATATATATATATATATA 21

## RESULT 239

US-10-112-653-879/c  
; Sequence 879, Application US/10112653  
; Publication No. US20030050268A1  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; APPLICANT: Berg, Daniel J.  
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR  
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES  
; FILE REFERENCE: C01039/70060(AWS)  
; CURRENT APPLICATION NUMBER: US/10/112,653  
; CURRENT FILING DATE: 2002-03-29  
; PRIOR APPLICATION NUMBER: US 60/279,642  
; PRIOR FILING DATE: 2001-03-29  
; NUMBER OF SEQ ID NOS: 1040  
; SOFTWARE: FastSEQ for Windows Version 3.0  
; SEQ ID NO 879  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-10-112-653-879

Query Match 0.5%; Score 19.4; DB 1; Length 22;  
Best Local Similarity 95.2%; Pred. No. 1.7e+02;  
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATATA 2844  
Db 22 ATATATATATATATATATATA 2

## RESULT 240

US-10-017-995-910  
; Sequence 910, Application US/10017995  
; Publication No. US20030055014A1  
; GENERAL INFORMATION:  
; APPLICANT: Bratzler, Robert L.



```

; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 357
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-357

Query Match      0.5%; Score 19.4; DB 1; Length 26;
Best Local Similarity 95.1%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATACATATATATATATA 2844
DB 23 ATATACATATATATATATA 3

RESULT 245
US-09-073-881-8/c
; Sequence 8, Application US/09073881
; Patent No. US20020045251A1
; GENERAL INFORMATION:
; APPLICANT: Rao, Mahendra S.
; APPLICANT: Mujtaba, Tahmina
; TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thorpe, No. US20020045251A1th & Western, L.L.P.
; STREET: P.O. Box 1219
; CITY: Sandy
; STATE: Utah
; COUNTRY: USA
; ZIP: 84091-1219
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
; COMPUTER: Compaq Presario 4540
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word Perfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,881
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/852,744
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Alan J. Howarth
; REGISTRATION NUMBER: 36,553
; REFERENCE/DOCKET NUMBER: T4903.CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801)566-6633
; TELEFAX: (801)566-0750
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-073-881-8

Query Match      0.5%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 984 GAAAGCGCTGGGCTCCGCCACCGT 1007
DB 24 GAAGGCTTGGGCTCGCCACCGT 1

RESULT 246

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```

US-10-098-263B-80269/c
; Sequence 80269, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 80269
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-80269

Query Match      0.5%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 2.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2569 CACGGGACATCACAGGGTGGGCTC 2592
DB 24 CACGGGACGACACAGGGTGGGCTC 1

RESULT 247
US-09-953-562-18
; Sequence 18, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
; TITLE OF INVENTION: CELL CARCINOMA
; FILE REFERENCE: E6114-01
; CURRENT APPLICATION NUMBER: US/09/953,562
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Exon 17 upstream primer
US-09-953-562-18

Query Match      0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1777 GACCGAGTCTACACTCACC 1795
DB 1 GACCGAGTCTACACTCACC 19

RESULT 248
US-09-953-562-19/c
; Sequence 19, Application US/09953562
; Publication No. US20030096241A1
; GENERAL INFORMATION:
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS
; TITLE OF INVENTION: CELL CARCINOMA
; FILE REFERENCE: E6114-01
; CURRENT APPLICATION NUMBER: US/09/953,562
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: JP 2001-083352
; PRIOR FILING DATE: 2001-03-22
; NUMBER OF SEQ ID NOS: 27

```

```
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Exon 17 downstream primer
US-09-953-562-19

Query Match          0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2048 ACCAGTACCTGGACCTGTC 2066
      |||||
Db 19 ACCAGTACCTGGACCTGTC.1

RESULT 249
US-10-055-728-141
; Sequence 141, Application US/10055728
; Publication No. US20030170720A1
; GENERAL INFORMATION:
; APPLICANT: van der Kuyl, Antoinette C.
; TITLE OF INVENTION: MEANS AND METHODS FOR TREATMENT EVALUATION
; FILE REFERENCE: 5244US (REV/P55190US00)
; CURRENT APPLICATION NUMBER: US/10/055,728
; CURRENT FILING DATE: 2002-04-19
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 60/325,722
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 0120373.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 141
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5'TAG019GENE-2
US-10-055-728-141

Query Match          0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 CACAACCTCGACTACTACA 1720
      |||||
Db 1 CACAACCTCGACTACTACA 19

RESULT 250
US-10-310-677-141
; Sequence 141, Application US/10310677
; Publication No. US2003021972A1
; GENERAL INFORMATION:
; APPLICANT: Kuyl v.d., Antoinette C.
; TITLE OF INVENTION: Means and methods for treatment evaluation
; FILE REFERENCE: P55190US10
; CURRENT APPLICATION NUMBER: US/10/310,677
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: EP 01203703.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US 60/325,722
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 141

; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 5'TAG019GENE-2
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
US-10-310-677-141

Query Match          0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 CACAACCTCGACTACTACA 1720
      |||||
Db 1 CACAACCTCGACTACTACA 19

RESULT 251
US-10-403-161-146
; Sequence 146, Application US/10403161
; Publication No. US20040043930A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-573C
; CURRENT APPLICATION NUMBER: US/10/403,161
; CURRENT FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 60/370349
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384543
; PRIOR FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: 60/370969
; PRIOR FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: 60/403748
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/372019
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/374379
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 09/779679
; PRIOR FILING DATE: 2001-02-08
; PRIOR APPLICATION NUMBER: 60/181045
; PRIOR FILING DATE: 2000-02-08
; PRIOR APPLICATION NUMBER: 10/055877
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262892
; PRIOR FILING DATE: 2001-01-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 146
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-161-146

Query Match          0.5%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 TCACCGTAGCCGTGAAGAT 1301
      |||||
Db 1 TCACCGTAGCCGTGAAGAT 19

RESULT 252
US-10-450-859-12
; Sequence 12, Application US/10450859
; Publication No. US20040109850A1
```

GENERAL INFORMATION:  
APPLICANT: Jaiswal, Neelam  
APPLICANT: Houghton, Adam  
APPLICANT: Mertz, Lawrence  
APPLICANT: Ji, Darren  
APPLICANT: Cook, Jonathon S.  
APPLICANT: Axelrod, Douglas W.  
TITLE OF INVENTION: Treatment of Bone Disorders by Modulation of FGFR3  
FILE REFERENCE: 44921-5078-WO  
CURRENT APPLICATION NUMBER: US/10/450,859  
CURRENT FILING DATE: 2003-06-18  
PRIOR APPLICATION NUMBER: US 60/255,882  
PRIOR FILING DATE: 2000-12-18  
PRIOR APPLICATION NUMBER: US 60/285,691  
PRIOR FILING DATE: 2001-04-24  
PRIOR APPLICATION NUMBER: US 60/306,879  
PRIOR FILING DATE: 2001-07-23  
PRIOR APPLICATION NUMBER: US 60/317,974  
PRIOR FILING DATE: 2001-09-10  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 12  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Forward  
OTHER INFORMATION: Q-RT-PCR primer  
US-10-450-859-12

Query Match 0.5%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3706 TGGTGGCCAGAGGTGTAC 3724  
Db 1 TGGTGGCCAGAGGTGTAC 19

RESULT 253  
US-10-450-859-13/C  
Sequence 13, Application US/10450859  
Publication No. US20040109850A1  
GENERAL INFORMATION:  
APPLICANT: Jaiswal, Neelam  
APPLICANT: Houghton, Adam  
APPLICANT: Mertz, Lawrence  
APPLICANT: Ji, Darren  
APPLICANT: Cook, Jonathon S.  
APPLICANT: Axelrod, Douglas W.  
TITLE OF INVENTION: Treatment of Bone Disorders by Modulation of FGFR3  
FILE REFERENCE: 44921-5078-WO  
CURRENT APPLICATION NUMBER: US/10/450,859  
CURRENT FILING DATE: 2003-06-18  
PRIOR APPLICATION NUMBER: US 60/255,882  
PRIOR FILING DATE: 2000-12-18  
PRIOR APPLICATION NUMBER: US 60/285,691  
PRIOR FILING DATE: 2001-04-24  
PRIOR APPLICATION NUMBER: US 60/306,879  
PRIOR FILING DATE: 2001-07-23  
PRIOR APPLICATION NUMBER: US 60/317,974  
PRIOR FILING DATE: 2001-09-10  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 13  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Reverse  
OTHER INFORMATION: Q-RT-PCR primer  
US-10-450-859-13

Query Match 0.5%; Score 19; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3751 ACCCAGCAGCACTTTC 3769  
Db 19 ACCCAGCAGCACTTTC 1

RESULT 254  
US-09-140-378A-3/C  
Sequence 3, Application US/09140378A  
Publication No. US20030124133A1  
GENERAL INFORMATION:  
APPLICANT: Johnson, Jeffrey D.  
APPLICANT: Rutter, William J.  
APPLICANT: Edman, Jeffrey C.  
APPLICANT: The Regents of the University of California  
TITLE OF INVENTION: Receptor Tyrosine Kinase With a Discoidin-Type Binding  
FILE REFERENCE: 023070-079010US  
CURRENT APPLICATION NUMBER: US/09/140,378A  
CURRENT FILING DATE: 1998-08-26  
PRIOR APPLICATION NUMBER: US 08/077,254  
PRIOR FILING DATE: 1993-06-14  
PRIOR APPLICATION NUMBER: US 08/292,299  
PRIOR FILING DATE: 1994-08-16  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 3  
LENGTH: 24  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
OTHER INFORMATION: oligonucleotide  
US-09-140-378A-3

Query Match 0.5%; Score 19; DB 1; Length 24;  
Best Local Similarity 69.6%; Pred. No. 2.2e+02;  
Matches 16; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 1618 CACAGGACCTGCTGCCGCAA 1640  
Db 24 CAYCGSGAYCTGCGCYCGSAA 2

RESULT 255  
US-09-073-881-7  
Sequence 7, Application US/09073881  
Patent No. US20020045251A1  
GENERAL INFORMATION:  
APPLICANT: Rao, Mahendra S.  
APPLICANT: Mujtaba, Tahmina  
TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS  
NUMBER OF SEQUENCES: 26  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thorpe, No. US20020045251A1th & Western, L.L.P.  
STREET: P.O. Box 1219  
CITY: Sandy  
STATE: Utah  
COUNTRY: USA  
ZIP: 84091-1219  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage  
COMPUTER: Compaq Presario 4540  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Word Perfect 8.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,881  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 08/852,744
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Alan J. Howarth
; REGISTRATION NUMBER: 36,553
; REFERENCE/DOCKET NUMBER: T4903.CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (801)566-6633
; TELEFAX: (801)566-0750
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-073-881-7

Query Match      0.5%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 409 AGCTGTCATGGAAGCGTGG 430
DB 1 AGCTGTCATGGAAGCTGG 22

RESULT 256
US-10-032-585-4135/c
; Sequence 4135, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4135
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
; US-10-032-585-4135

Query Match      0.5%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 2.1e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGCGTGTGTGTG 2343
DB 22 TGTACGTGTGTGCGTGTGTGTG 1

RESULT 257
US-10-357-488-5
; Sequence 5, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; TITLE OF INVENTION: varities.
; FILE REFERENCE: 782-Indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5

```

```

; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
; US-10-357-488-5

Query Match      0.5%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGCGT 2336
DB 2 GTATGTGTGTGTGTGTGTGT 23

RESULT 258
US-09-974-546-71/c
; Sequence 71, Application US/09974546
; Publication No. US20030050470A1
; GENERAL INFORMATION:
; APPLICANT: An, Gang
; APPLICANT: O'Hara, S. Mark
; APPLICANT: Ralph, David
; APPLICANT: Veltre, Robert
; TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
; PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/974,546
; FILING DATE: 10-Oct-2001
; CLASSIFICATION: Unknown
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/097,199
; FILING DATE: 1998-06-12
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakashima, Richard A.
; REGISTRATION NUMBER: P-42,023
; REFERENCE/DOCKET NUMBER: UROC:018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; INFORMATION FOR SEQ ID NO: 71:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 71:
; US-09-974-546-71

Query Match      0.5%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2329 GTGTGCGTGTGTGTGTGTGTGT 2350
DB 22 GTGTGCAATGTGTGTGTGTGTGT 1

```

RESULT 259



US-10-085-906-111/c  
; Sequence 111, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR FILING DATE: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 111  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-111

Query Match 0.5%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 2.4e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844  
|||||  
DB 24 TATATATATATATATATATATA 3

RESULT 260  
US-10-085-906-303/c  
; Sequence 303, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR FILING DATE: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 303  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-303

Query Match 0.5%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 2.4e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATATATA 2844  
|||||  
DB 24 TATATATATATATATATATATA 3

RESULT 261  
US-10-098-263B-36641

; Sequence 36641, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Mittman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 36641  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-36641

Query Match 0.5%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 2.4e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2334 CGTGTGTGTGTGTGTGTGCACA 2355  
|||||  
DB 1 CGTGTGTGTGTGTGTGTGCACA 22

RESULT 262  
US-10-098-263B-77088/c  
; Sequence 77088, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Mittman, Michael  
; TITLE OF INVENTION: Human Microarray  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 77088  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-77088

Query Match 0.5%; Score 18.8; DB 1; Length 25;  
Best Local Similarity 90.9%; Pred. No. 2.4e+02;  
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2569 CACGGGACATCACAGGGTGGC 2590  
|||||  
DB 22 CACGGGACATCACAGGGTGGC 1

RESULT 263  
US-09-827-998-1207  
; Sequence 1207, Application US/09827998  
; Patent No. US20020102252A1  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDHMPF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aeomica Sequence Listing Engine

Thu Oct 28 12:48:26 2004

vivlemore401-10.rnpb

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; SEQ ID NO 1207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-1207

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2321 GTGTGTGTGTGCGGTGTGTGTG 2345
Db 1 GTGTGTGTGTGAGTGTGTATTG 25

RESULT 264
US-10-098-263B-44261/c
; Sequence 44261, Application US/10098263B
; Publication No. US2003010410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 44261
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-44261

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1798 AGTGACGTCTGTCTCTTTGGGGTCC 1822
Db 25 AGTGACGTCTGTCTCTCGGGGCCCC 1

RESULT 265
US-10-675-685-1207
; Sequence 1207, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1207

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2321 GTGTGTGTGTGCGGTGTGTGTG 2345

```

```

Db 1 GTGTGTGTGTGAGTGTGTATTG 25

RESULT 266
US-10-775-169-685/c
; Sequence 685, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
; FILE REFERENCE: AM101080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; CURRENT FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 685
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-685

Query Match      0.5%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.6e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2626 GAAGCCCATGTCTCCAGCACCTTG 2650
Db 25 GAAGCCCTTCAGTCCAGCACCATG 1

RESULT 267
US-09-916-369A-4
; Sequence 4, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Perbost, Michael GM
; APPLICANT: Caruthers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003869-1
; CURRENT APPLICATION NUMBER: US/09/916,369A
; CURRENT FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-09-916-369A-4

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGCGTG 2337
Db 1 TGTGTGTGTGTGTGTGTGTG 20

RESULT 268
US-09-953-047-28/c
; Sequence 28, Application US/09953047
; Publication No. US20030087854A1

```

```
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-28

Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 653 TGAATGGCAGCAAGTGGGC 672
|||||
Db 20 TGAACGGCAGCAAGTGGGC 1

RESULT 269
US-09-845-742B-1
; Sequence 1, Application US/09845742B
; Publication No. US20030215801A1
; GENERAL INFORMATION:
; APPLICANT: Pieken, Wolfgang
; APPLICANT: Wolter, Andreas
; APPLICANT: Sebesta P, David
; APPLICANT: Leuck, Michael
; APPLICANT: Latham-Timmons A, Hallie
; APPLICANT: Pilon, John
; APPLICANT: Husar M, Gregory
; TITLE OF INVENTION: METHOD FOR IMMOBILIZING OLIGONUCLEOTIDES EMPLOYING THE
; FILE REFERENCE: PRO.03
; CURRENT APPLICATION NUMBER: US/09/845,742B
; CURRENT FILING DATE: 2001-05-01
; PRIOR FILING DATE: 2000-05-01
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 1999-07-08
; PRIOR FILING DATE: 1998-01-08
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Nucleic Acid Ligand
US-09-845-742B-1

Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTG 2337
|||||
Db 1 TGTGTGTGTGTGTGTGTGTG 20

RESULT 270
US-09-845-742B-2/c
; Sequence 2, Application US/09845742B
```

```
; Publication No. US20030215801A1
; GENERAL INFORMATION:
; APPLICANT: Pieken, Wolfgang
; APPLICANT: Wolter, Andreas
; APPLICANT: Sebesta P, David
; APPLICANT: Leuck, Michael
; APPLICANT: Latham-Timmons A, Hallie
; APPLICANT: Pilon, John
; APPLICANT: Husar M, Gregory
; TITLE OF INVENTION: METHOD FOR IMMOBILIZING OLIGONUCLEOTIDES EMPLOYING THE
; FILE REFERENCE: PRO.03
; CURRENT APPLICATION NUMBER: US/09/845,742B
; CURRENT FILING DATE: 2001-05-01
; PRIOR FILING DATE: 2000-05-01
; PRIOR FILING DATE: 2001-01-30
; PRIOR FILING DATE: 1999-07-08
; PRIOR FILING DATE: 1998-01-08
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Nucleic Acid Ligand
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: C at position 1 is substituted at the 5' position
; OTHER INFORMATION: with a fluorescein.
US-09-845-742B-2

Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2318 TGTGTGTGTGTGTGTGTGTG 2337
|||||
Db 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 271
US-10-085-906-33
; Sequence 33, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR FILING DATE: 2002-02-27
; PRIOR FILING DATE: 1999-03-25
; PRIOR FILING DATE: 2000-03-24
; PRIOR FILING DATE: 2000-03-24
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-33
```

```
Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338
DB 1 GTGTGTGTGTGTGTGTGTGT 20

RESULT 272
US-10-165-854-1/c
; Sequence 1, Application US/10165854
; Publication No. US20030059807A1
; GENERAL INFORMATION:
; APPLICANT: Roach, Jeffrey Shawn
; TITLE OF INVENTION: MICROCALORIMETRIC DETECTION OF ANALYTES AND BINDING EVENTS
; FILE REFERENCE: PRO06
; CURRENT APPLICATION NUMBER: US/10/165,854
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/296,685
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Ligand
US-10-165-854-1

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
DB 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 273
US-10-165-854-2
; Sequence 2, Application US/10165854
; Publication No. US20030059807A1
; GENERAL INFORMATION:
; APPLICANT: Roach, Jeffrey Shawn
; TITLE OF INVENTION: MICROCALORIMETRIC DETECTION OF ANALYTES AND BINDING EVENTS
; FILE REFERENCE: PRO06
; CURRENT APPLICATION NUMBER: US/10/165,854
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/296,685
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Ligand
US-10-165-854-2

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337
DB 1 TGTGTGTGTGTGTGTGTGTG 20
```

```
RESULT 274
US-10-301-844-26
; Sequence 26, Application US/10301844
; Publication No. US20030100747A1
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; HEMOCHROMATOSIS GENE
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,844
; FILING DATE: 20-No. US20030100747A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,495C
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-10-301-844-26

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATAT 2843
DB 1 ATATATATATATATATATAT 20

RESULT 275
US-10-301-844-26/c
; Sequence 26, Application US/10301844
; Publication No. US20030100747A1
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; HEMOCHROMATOSIS GENE
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
```

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: Windows  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/301,844  
FILING DATE: 20-NO. US20030100747A1-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/852,495C  
FILING DATE: 07-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Poissant, Brian M  
REGISTRATION NUMBER: 28,462  
REFERENCE/DOCKET NUMBER: 8907-0057-999  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650-493-4935  
TELEFAX: 650-493-5556  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 26:  
US-10-301-844-26

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2824 ATATATACATATATATATAT 2843  
DB 20 ATATATATATATATATAT 1

RESULT 276  
US-10-219-238-1  
Sequence 1, Application US/10219238  
Publication No. US20030114405A1  
GENERAL INFORMATION:  
APPLICANT: Linnik, Matthew D.  
APPLICANT: Hepburn, Bonnie  
TITLE OF INVENTION: METHODS OF TREATING SYSTEMIC LUPUS  
TITLE OF INVENTION: ERYTHEMATOSUS IN INDIVIDUALS HAVING  
TITLE OF INVENTION: SIGNIFICANTLY IMPAIRED RENAL FUNCTION  
FILE REFERENCE: 252312007800  
CURRENT FILING DATE: 2003-01-10  
PRIOR FILING DATE: 2003-01-10  
PRIOR FILING DATE: 2001-08-22  
PRIOR FILING DATE: 2001-08-13  
PRIOR APPLICATION NUMBER: US 60/314,281  
PRIOR APPLICATION NUMBER: US 60/311,858  
PRIOR FILING DATE: 2001-08-13  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 1  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
US-10-219-238-1

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2319 GTGTGTGTGTGTGTGTGTGT 2338  
DB 1 GTGTGTGTGTGTGTGTGTGT 20

RESULT 277  
US-10-219-238-2/c  
Sequence 2, Application US/10219238  
Publication No. US20030114405A1  
GENERAL INFORMATION:  
APPLICANT: Linnik, Matthew D.  
APPLICANT: Hepburn, Bonnie  
TITLE OF INVENTION: METHODS OF TREATING SYSTEMIC LUPUS  
TITLE OF INVENTION: ERYTHEMATOSUS IN INDIVIDUALS HAVING  
TITLE OF INVENTION: SIGNIFICANTLY IMPAIRED RENAL FUNCTION  
FILE REFERENCE: 252312007800  
CURRENT APPLICATION NUMBER: US/10/219,238  
CURRENT FILING DATE: 2003-01-10  
PRIOR APPLICATION NUMBER: US 60/314,281  
PRIOR FILING DATE: 2001-08-22  
PRIOR APPLICATION NUMBER: US 60/311,858  
PRIOR FILING DATE: 2001-08-13  
NUMBER OF SEQ ID NOS: 2  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Construct  
US-10-219-238-2

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337  
DB 20 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 278  
US-10-630-401-28/c  
Sequence 28, Application US/10630401  
Publication No. US20040048824A1  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION  
FILE REFERENCE: RTS-0157  
CURRENT APPLICATION NUMBER: US/10/630,401  
CURRENT FILING DATE: 2003-07-30  
PRIOR APPLICATION NUMBER: US/09/953,047  
PRIOR FILING DATE: 2001-09-10  
NUMBER OF SEQ ID NOS: 95  
SEQ ID NO 28  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-10-630-401-28

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 653 TGAATGGCAGCAGGTGGGC 672  
DB 20 TGAACGGCAGCAGGTGGGC 1

RESULT 279  
US-10-315-765-15/c  
Sequence 15, Application US/10315765  
Publication No. US20040110140A1  
GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett  
 ; APPLICANT: Susan M. Freier  
 ; APPLICANT: Kenneth W. Dobie  
 ; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION  
 ; FILE REFERENCE: PTS-0020  
 ; CURRENT APPLICATION NUMBER: US/10/315,765  
 ; CURRENT FILING DATE: 2002-12-09  
 ; NUMBER OF SEQ ID NOS: 128  
 ; SEQ ID NO 15  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 ; US-10-315-765-15

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1675 GCAGACTTCGGCTGCGCCG 1694  
 Db 20 GCAGACTTCGGCTGCGCCG 1

RESULT 280

US-10-671-395-138/c  
 ; Sequence 138, Application US/10671395  
 ; Publication No. US20040132063A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pharmacia Corp.  
 ; APPLICANT: Gierse, James K  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
 ; FILE REFERENCE: 1179/1/US  
 ; CURRENT APPLICATION NUMBER: US/10/671,395  
 ; CURRENT FILING DATE: 2003-09-25  
 ; PRIOR APPLICATION NUMBER: 60/413,549  
 ; PRIOR FILING DATE: 2002-09-25  
 ; NUMBER OF SEQ ID NOS: 1809  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 138  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: Human PGE2 antisense  
 ; US-10-671-395-138

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGT 2338  
 Db 20 GTGTGTGTGTGTGTGTGTGT 1

RESULT 281

US-10-671-395-139/c  
 ; Sequence 139, Application US/10671395  
 ; Publication No. US20040132063A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pharmacia Corp.  
 ; APPLICANT: Gierse, James K  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
 ; FILE REFERENCE: 1179/1/US  
 ; CURRENT APPLICATION NUMBER: US/10/671,395  
 ; CURRENT FILING DATE: 2003-09-25  
 ; PRIOR APPLICATION NUMBER: 60/413,549  
 ; PRIOR FILING DATE: 2002-09-25  
 ; NUMBER OF SEQ ID NOS: 1809

; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 139  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: Human PGE2 antisense  
 ; US-10-671-395-139

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337  
 Db 20 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 282

US-10-671-395-140/c  
 ; Sequence 140, Application US/10671395  
 ; Publication No. US20040132063A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pharmacia Corp.  
 ; APPLICANT: Gierse, James K  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
 ; FILE REFERENCE: 1179/1/US  
 ; CURRENT APPLICATION NUMBER: US/10/671,395  
 ; CURRENT FILING DATE: 2003-09-25  
 ; PRIOR APPLICATION NUMBER: 60/413,549  
 ; PRIOR FILING DATE: 2002-09-25  
 ; NUMBER OF SEQ ID NOS: 1809  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 140  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: Human PGE2 antisense  
 ; US-10-671-395-140

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
 Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGT 2337  
 Db 20 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 283

US-10-671-395-141/c  
 ; Sequence 141, Application US/10671395  
 ; Publication No. US20040132063A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pharmacia Corp.  
 ; APPLICANT: Gierse, James K  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
 ; FILE REFERENCE: 1179/1/US  
 ; CURRENT APPLICATION NUMBER: US/10/671,395  
 ; CURRENT FILING DATE: 2003-09-25  
 ; PRIOR APPLICATION NUMBER: 60/413,549  
 ; PRIOR FILING DATE: 2002-09-25  
 ; NUMBER OF SEQ ID NOS: 1809  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 141  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: Human PGE2 antisense

US-10-671-395-141

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTGT 2337

Db 20 TGTGTGTGTGTGTGTGTGT 1

RESULT 284

US-10-671-395-142/c  
; Sequence 142, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 142  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-142

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338

Db 20 GTGTGTGTGTGTGTGTGT 1

RESULT 285

US-10-671-395-175/c  
; Sequence 175, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 175  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-175

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338

Db 20 GTGTGTGTGTGTGTGTGT 1

RESULT 286

US-10-671-395-176/c  
; Sequence 176, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 176  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-176

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338

Db 20 GTGTGTGTGTGTGTGTGT 1

RESULT 287

US-10-671-395-316/c  
; Sequence 316, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 316  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-316

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338

Db 20 GTGTGTGTGTGTGTGTGT 1

RESULT 288

US-10-671-395-317/c  
; Sequence 317, Application US/10671395

```

; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 317
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-317

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTG 2337
Db 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 289
US-10-671-395-318/c
; Sequence 318, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 318
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-318

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTG 2337
Db 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 290
US-10-671-395-319/c
; Sequence 319, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 321
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-321

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTG 2337
Db 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 291
US-10-671-395-320/c
; Sequence 320, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 320
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-320

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTG 2337
Db 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 292
US-10-671-395-321/c
; Sequence 321, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 321
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-321
```

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; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 319
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-319

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTG 2337
Db 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 291
US-10-671-395-320/c
; Sequence 320, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 320
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-320

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGGTG 2337
Db 20 TGTGTGTGTGTGTGTGTGTG 1

RESULT 292
US-10-671-395-321/c
; Sequence 321, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 321
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-321
```



```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-321

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 20 GTGTGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 293
US-10-671-395-353/c
; Sequence 353, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 353
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-353

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 20 GTGTGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 294
US-10-671-395-354/c
; Sequence 354, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 354
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-354
```

```
Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGTGTGTGT 2338
Db 20 GTGTGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 295
US-10-671-395-482/c
; Sequence 482, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 482
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-482

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2337
Db 20 TGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 296
US-10-671-395-483/c
; Sequence 483, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 483
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-483

Query Match      0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2337
Db 20 TGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1
```



; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 600  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-600

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337  
Db 20 TGTGTGTGTGTGTGTGTGT 1

RESULT 302  
US-10-671-395-613/c  
; Sequence 613, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 613  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-613

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTGT 2338  
Db 20 GTGTGTGTGTGTGTGTGT 1

RESULT 303  
US-10-671-395-614/c  
; Sequence 614, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 614  
; LENGTH: 20  
; TYPE: DNA

; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-614

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTGT 2338  
Db 20 GTGTGTGTGTGTGTGTGT 1

RESULT 304  
US-10-671-395-653/c  
; Sequence 653, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 653  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-653

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGGTGT 2338  
Db 20 GTGTGTGTGTGTGTGTGT 1

RESULT 305  
US-10-671-395-733/c  
; Sequence 733, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 733  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-733

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;

Query Match 0.5%; Score 18.4; DB 1; Length 20;

5

Qy	2318	TGTGTGTGTGTGTGCGTG	2337
Db	1	TGTGTGTGTGTGTGTG	20

0

**Qy**     2319 GTGTGTTGTGTGCCTGT 2338  
          |  
**Dd**     20 GTGTGTTGTGTGTGTGT 1

US-10-661-099-19

```
Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19: Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2318 TGTGTTGTGTGTGCGTG 2337  
|||  
Dd 1 TGTGTTGTGTGTGTGTG 20

```

RESULT 314
US-10-407-818-13
; Sequence 13, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONGEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-407-818-13

```

```
Query Match          0.5%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.2e+02;
Matches 19: Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2318 TGTGTGTGTGTGTGCGTG 2337  
| | | | | | | | | |  
Db 1 TGTGTGTGTGTGTGTG 20

```

RESULT 315
US-10-407-818-14/c
; Sequence 14, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-407-818-14

```

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 95.0%; Pred. No. 2.2e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels

QY	2319	GTGTGTGTGTGTGTGTGTGT	2338
DB	20	GTGTGTGTGTGTGTGTGT	1

```

RESULT 316
US-10-407-818-16
; Sequence 16, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-407-818-16

```

Query Match 0.5%; Score 18.4; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 2.2e+02;  
Matches 17: Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGCGTG 2337  
 ||||:|||||||:|  
 nb 1 TGTGTGTGTGTGTG 20

```

RESULT 317
US-10-385-193-1/c
; Sequence 1, Application US/10385193
; Publication No. US20030229218A1
; GENERAL INFORMATION:
; APPLICANT: Nanda D. Sinha
; TITLE OF INVENTION: Synthesis for Oligonucleotide Synthesis
; FILE REFERENCE: 2733.1001-001
; CURRENT APPLICATION NUMBER: US/10/385.193
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/230,685
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-385-193-1

```

Query Match 0.5%; Score 18.4; DB 1; Length 21;  
Best Local Similarity 95.0%; Pred. No. 2.3e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGCGTGT 2338

```
Db      20 GTGTGTGTGTGTGTGTGT 1
|||||
RESULT 318
US-10-385-193-2
; Sequence 2, Application US/10385193
; Publication No. US20030229218A1
; GENERAL INFORMATION:
; APPLICANT: Nanda D. Sinha
; TITLE OF INVENTION: Synthons for Oligonucleotide Synthesis
; CURRENT APPLICATION NUMBER: US/10/385,193
; CURRENT FILING DATE: 2003-03-07
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-385-193-2
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2319 GTGTGTGTGTGTGTGTGT 2338
|||||
Db      1 GTGTGTGTGTGTGTGTGT 20
|||||
RESULT 319
US-10-786-720-11526
; Sequence 11526, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11526
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11526
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 2.3e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2329 GTGTGTGTGTGTGTGTGT 2348
|||||
Db      1 GUGUGUGUGUGUGUGUGU 20
|||||
RESULT 320
US-10-786-720-11529
; Sequence 11529, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11529
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11529
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY      2329 GTGTGTGTGTGTGTGTGT 2348
|||||
Db      1 GUGUGUGUGUGUGUGUGU 20
|||||
RESULT 322
US-10-357-488-4/c
; Sequence 4, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1a1 FISSR-PCR primers and markers and a method c
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; TITLE OF INVENTION: varieties.
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11529
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11529
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY      2327 GTGTGTGTGTGTGTGTGT 2346
|||||
Db      1 GUGUGUGUGUGUGUGUGU 20
|||||
RESULT 321
US-10-786-720-11532
; Sequence 11532, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11532
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-11532
Query Match      0.5%; Score 18.4; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 2.3e+02;
Matches 10; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY      2325 GTGTGTGTGTGTGTGTGT 2344
|||||
Db      1 GUGUGUGUGUGUGUGUGU 20
|||||
RESULT 322
US-10-357-488-4/c
; Sequence 4, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1a1 FISSR-PCR primers and markers and a method c
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; TITLE OF INVENTION: varieties.
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes  
US-10-357-488-4

Query Match 0.5%; Score 18.4; DB 1; Length 24;  
Best Local Similarity 95.0%; Pred. No. 2.7e+02;  
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGCAC 2354  
Db 24 GTGTGTGTGTGTGTGCAC 5

RESULT 323  
US-10-085-906-21  
; Sequence 21, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 09/534,061  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 21  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-21

Query Match 0.5%; Score 18.2; DB 1; Length 24;  
Best Local Similarity 87.0%; Pred. No. 2.9e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 ACATATATATATATACATATAT 2852  
Db 1 ATATATATATATATATATAT 23

RESULT 324  
US-09-828-034-13/c  
; Sequence 13, Application US/09828034  
; Patent No. US20020064771A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhong, Weidong  
; APPLICANT: Hong, Zhi  
; APPLICANT: Ferrazi, Eric  
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES  
; FILE REFERENCE: IN01165  
; CURRENT APPLICATION NUMBER: US/09/828,034  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: U.S. 60/195,852  
; PRIOR FILING DATE: 2000-04-06  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 13  
; LENGTH: 25  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA  
US-09-828-034-13

Query Match 0.5%; Score 18.2; DB 1; Length 25;

Best Local Similarity 87.0%; Pred. No. 3e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2920 GGGCGGGCGGTGGGGGGCGGTGG 2942  
Db 24 GGGCGGGCGGGGGGGCGGGGGG 2

RESULT 325  
US-10-098-263B-55473  
; Sequence 55473, Application US/10098263B  
; Publication No. US20030104410A1  
; GENERAL INFORMATION:  
; APPLICANT: Mittman, Michael  
; FILE REFERENCE: 3118.1  
; CURRENT APPLICATION NUMBER: US/10/098,263B  
; CURRENT FILING DATE: 2003-01-08  
; PRIOR APPLICATION NUMBER: 60/276,759  
; PRIOR FILING DATE: 2001-03-16  
; NUMBER OF SEQ ID NOS: 131066  
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1  
; SEQ ID NO 55473  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapien  
US-10-098-263B-55473

Query Match 0.5%; Score 18.2; DB 1; Length 25;  
Best Local Similarity 87.0%; Pred. No. 3e+02;  
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1328 ACCTGTGCGACCTGGTGTCTGAG 1350  
Db 3 ACCTGACGGACCACTGTCTGAG 25

RESULT 326  
US-10-094-466-104/c  
; Sequence 104, Application US/10094466  
; Publication No. US20030203363A1  
; GENERAL INFORMATION:  
; APPLICANT: SPYTEK et al.  
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM  
; TITLE OF INVENTION: AND METHODS OF USING  
; FILE REFERENCE: 21402-290D  
; CURRENT APPLICATION NUMBER: US/10/094,466  
; CURRENT FILING DATE: 2002-03-07  
; PRIOR APPLICATION NUMBER: 60/274,281  
; PRIOR FILING DATE: 2001-03-08  
; PRIOR APPLICATION NUMBER: 60/288,148  
; PRIOR FILING DATE: 2001-05-02  
; PRIOR APPLICATION NUMBER: 60/274,849  
; PRIOR FILING DATE: 2001-03-09  
; PRIOR APPLICATION NUMBER: 60/275,235  
; PRIOR FILING DATE: 2001-03-12  
; PRIOR APPLICATION NUMBER: 60/338,375  
; PRIOR FILING DATE: 2001-12-04  
; PRIOR APPLICATION NUMBER: 60/275,579  
; PRIOR FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: 60/335,302  
; PRIOR FILING DATE: 2001-10-31  
; PRIOR APPLICATION NUMBER: 60/275,601  
; PRIOR FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: 60/276,000  
; PRIOR FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: 60/277,338  
; PRIOR FILING DATE: 2001-03-20  
; PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 114  
; SOFTWARE: PatIn 2.1  
; SEQ ID NO 104



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; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-094-466-104

Query Match      0.5%; Score 18.2; DB 1; Length 26;
Best Local Similarity 87.0%; Pred. No. 3.1e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGCGGTGTGTGTG 2343
      |||||
Db 24 GTGTGTGTGTGAGAGTGTGTGGG 2

RESULT 327
US-09-263-959-971/c
; Sequence 971, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMahers, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 971:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-971

Query Match      0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATAT 2843
      |||||
Db 18 ATATACATATATATATAT 1

RESULT 328
US-10-085-906-135
; Sequence 135, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul

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; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-085-906-135

Query Match      0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2329 GTGTGCGTGTGTGTGTGT 2346
      |||||
Db 1 GTGTGCGTGTGTGTGTGT 18

RESULT 329
US-10-055-728-142/c
; Sequence 142, Application US/10055728
; Publication No. US20030170720A1
; GENERAL INFORMATION:
; APPLICANT: van der Kuyt, Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: MEANS AND METHODS FOR TREATMENT EVALUATION
; FILE REFERENCE: 5244US (REN/P55190US00)
; CURRENT APPLICATION NUMBER: US/10/055,728
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 60/325,722
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 0120373.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3'TAG019GENE-2
US-10-055-728-142

Query Match      0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1888 AAGCTGCTGAAGGAGGC 1905
      |||||
Db 18 AAGCTGCTGAAGGAGGC 1

RESULT 330
US-10-310-677-142/c
; Sequence 142, Application US/10310677
; Publication No. US20030219772A1
; GENERAL INFORMATION:
; APPLICANT: Kuyt v.d., Antoinette C.
; APPLICANT: Cornelissen, Marion
; TITLE OF INVENTION: Means and methods for treatment evaluation

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; FILE REFERENCE: P55190US10
; CURRENT APPLICATION NUMBER: US/10/310,677
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: EP 01200228.3
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: EP 01203703.2
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: US 60/325,722
; PRIOR FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; TYPE: DNA
; LENGTH: 18
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3'TAG019GENE-2
; NAME/KEY: misc feature
; LOCATION: (1)..(18)
US-10-310-677-142

Query Match          0.5%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1888 AAGCTGCTGAAGAGGCG 1905
Db 18 AAGCTGCTGAAGAGGCG 1

RESULT 331
US-10-671-395-531/c
; Sequence 531, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 531
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-531

Query Match          0.5%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 CGTGTGTGTGTGTGTG 2351
Db 19 CGTGTGTGTGTGTGTG 2

RESULT 332
US-10-671-395-586/c
; Sequence 586, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 531
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-531

Query Match          0.5%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 CGTGTGTGTGTGTGTG 2351
Db 19 CGTGTGTGTGTGTGTG 2

RESULT 332
US-10-671-395-586/c
; Sequence 586, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 531
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-586
```

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; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 586
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-586

Query Match          0.5%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 CGTGTGTGTGTGTGTG 2351
Db 20 CGTGTGTGTGTGTGTG 3

RESULT 333
US-09-073-881-21
; Sequence 21, Application US/09073881
; Patent No. US20020045251A1
; GENERAL INFORMATION:
; APPLICANT: Rao, Mahendra S.
; APPLICANT: Mujtaba, Tahmina
; TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Thorpe, NO. US20020045251A1th & Western, L.L.P.
; STREET: P.O. Box 1219
; CITY: Sandy
; STATE: Utah
; COUNTRY: USA
; ZIP: 84091-1219
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
; COMPUTER: Compaq Presario 4540
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word Perfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,881
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/852,744
; FILING DATE: 07-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Alan J. Howarth
; REGISTRATION NUMBER: 36,553
; REFERENCE/DOCKET NUMBER: T4903.CIP
; TELEPHONE: (801)566-6633
; TELEFAX: (801)566-0750
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-073-881-21

Query Match          0.5%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1347 TGAGATGGAGATGATGAA 1364
|||||
```

Db 5 TGAGATCGAGATGATGAA 22

## RESULT 334

US-09-768-917-10/c  
; Sequence 10, Application US/09768917  
; Patent No. US20020034494A1  
; GENERAL INFORMATION: Description of Artificial Sequence: primer  
; APPLICANT: Vicari, Alain P.  
; APPLICANT: Caux, Christophe  
; APPLICANT: LaFace, Drake  
; TITLE OF INVENTION: Chemokines as Adjuvants of Immune Response  
; FILE REFERENCE: SF0896K US  
; CURRENT APPLICATION NUMBER: US/09/768,917  
; CURRENT FILING DATE: 2001-01-24  
; PRIOR APPLICATION NUMBER: EP 0 974 357  
; PRIOR FILING DATE: 1998-07-16  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 10  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-768-917-10

Query Match 0.5%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.8e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTG 2339

Db 21 GTGTGTGTGTGTGTGTGTGTG 1

## RESULT 335

US-10-786-720-11533/c  
; Sequence 11533, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION: Description of Artificial Sequence: primer  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 11533  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-786-720-11533

Query Match 0.5%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.8e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 GTGTGTGTGTGTGTGTGTGTG 2343

Db 21 GCGTGTGTGTGTGTGTGTGTG 1

## RESULT 336

US-10-786-720-11542/c  
; Sequence 11542, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION: Description of Artificial Sequence: Reverse Primer  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 11542  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-786-720-11542

Query Match 0.5%; Score 17.8; DB 1; Length 21;  
Best Local Similarity 90.5%; Pred. No. 2.8e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2331 GTCGTGTGTGTGTGTGTGTG 2351

Db 21 GTGGATGTGTGTGTGTGTG 1

## RESULT 337

US-10-094-466-105  
; Sequence 105, Application US/10094466  
; Publication No. US2003020363A1  
; GENERAL INFORMATION: Description of Artificial Sequence: primer  
; APPLICANT: Spvtek et al.  
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM  
; FILE REFERENCE: 21402-290D  
; CURRENT APPLICATION NUMBER: US/10/094,466  
; CURRENT FILING DATE: 2002-03-07  
; PRIOR APPLICATION NUMBER: 60/274,281  
; PRIOR FILING DATE: 2001-03-08  
; PRIOR APPLICATION NUMBER: 60/288,148  
; PRIOR FILING DATE: 2001-05-02  
; PRIOR APPLICATION NUMBER: 60/274,849  
; PRIOR FILING DATE: 2001-03-09  
; PRIOR APPLICATION NUMBER: 60/275,235  
; PRIOR FILING DATE: 2001-03-12  
; PRIOR APPLICATION NUMBER: 60/338,375  
; PRIOR FILING DATE: 2001-12-04  
; PRIOR APPLICATION NUMBER: 60/275,579  
; PRIOR FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: 60/335,302  
; PRIOR FILING DATE: 2001-10-31  
; PRIOR APPLICATION NUMBER: 60/275,601  
; PRIOR FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: 60/276,000  
; PRIOR FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: 60/277,338  
; PRIOR FILING DATE: 2001-03-20  
; Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 114  
; SOFTWARE: PatIn 2.1  
; SEQ ID NO 105  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer  
US-10-094-466-105

Query Match 0.5%; Score 17.8; DB 1; Length 22;  
Best Local Similarity 90.5%; Pred. No. 3e+02;  
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTGTGTGTGTG 2341

Db 1 GAGTGTGTGTGTGTGTGTGTG 21

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RESULT 338
US-10-298-215-11
; Sequence 11, Application US/10298215
; Publication No. US20040009157A1
; GENERAL INFORMATION:
; APPLICANT: Gazit, Dan
; TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
; FILE REFERENCE: P-4891-US2
; CURRENT APPLICATION NUMBER: US/10/298,215
; CURRENT FILING DATE: 2002-11-18
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 11
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-298-215-11

Query Match          0.5%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 3.e+02; 2; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 966 CCGCGCAGCCGCCCAAGAA 986
Db 1 CCGCGCAGTCCCAAGAA 21

RESULT 339
US-10-098-263B-70102/c
; Sequence 70102, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 70102
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-70102

Query Match          0.5%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.5e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2783 AACTAGTGATCAATTTCTATAA 2803
Db 24 AACAAAGTGATGTTCTATAA 4

RESULT 340
US-10-372-095-17/c
; Sequence 17, Application US/10372095
; Publication No. US20030162256A1
; GENERAL INFORMATION:
; APPLICANT: Juppner, Harald
; APPLICANT: Rudin, David A.
; TITLE OF INVENTION: PTHR and PTHR Receptors, Methods and Uses Thereof
; FILE REFERENCE: 0609.4740002
; CURRENT APPLICATION NUMBER: US/10/372,095
; CURRENT FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: 09/449,632
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: US 60/110,467
; PRIOR FILING DATE: 1998-11-30

```

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; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-10-372-095-17

Query Match          0.5%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1344 GTCTGAGATGGAGATGATCAAGAT 1367
Db 24 GTCTGAGAGAGGTCTGATGAGAT 1

RESULT 341
US-10-259-451-7
; Sequence 7, Application US/10259451
; Publication No. US20030162796A1
; GENERAL INFORMATION:
; APPLICANT: Boehringer Ingelheim International GmbH
; TITLE OF INVENTION: Pharmaceutical composition for the treatment of disorders of
; FILE OF INVENTION: non-human mammals
; FILE REFERENCE: Case 12 221
; CURRENT APPLICATION NUMBER: US/10/259,451
; CURRENT FILING DATE: 2002-09-30
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-259-451-7

Query Match          0.5%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1945 TACATGATCATCGGGAGTGTGG 1968
Db 1 TACATGATCATGTCAAGTGTGG 24

RESULT 342
US-09-827-998-1204
; Sequence 1204, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORE-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1204
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-1204

Query Match          0.5%; Score 17.6; DB 1; Length 25;

```



```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7601
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-7601

Query Match          0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3677 ACGGTGCTCTCTTCGCGGCCA 3700
Db 24 ACGGTGCTCTCTTCGCGGCCA 1

RESULT 348
US-10-098-263B-80270/c
; Sequence 80270, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 80270
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-80270

Query Match          0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2569 CACGGGACATCACAGGTGCGCTC 2592
Db 24 CACGGGACGACTCAGGTGCGCTC 1

RESULT 349
US-10-098-263B-87311/c
; Sequence 87311, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 87311
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-87311

Query Match          0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 247 CGGATGACCAAGAGCTGCTGGCC 270
Db 247 CGGATGACCAAGAGCTGCTGGCC 1
```

```
Db 25 CGGATGGACGAGAAGATGCTTGAC 2

RESULT 350
US-10-675-685-1204
; Sequence 1204, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1204
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1204

Query Match          0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGT 2342
Db 2 GAGTGTGTGTGTGTGTGTGTGTAT 25

RESULT 351
US-10-675-685-1205
; Sequence 1205, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1205
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-1205

Query Match          0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2319 GTGTGTGTGTGTGTGTGTGTGT 2342
Db 1 GAGTGTGTGTGTGTGTGTGTGTAT 24

RESULT 352
US-10-675-685-1206
; Sequence 1206, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
```

```
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1206
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-675-685-1206

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2321 GTGTGTGTGTGTGTGTGTGTGTGTGT 2344
Db 2 GTGTGTGTGTGTGTGTGTGTGTGTATT 25

RESULT 353
US-10-675-685-1208
; Sequence 1208, Application US/10675685
; Publication No. US20040083134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1208
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-675-685-1208

Query Match      0.5%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGTGTGTGTGTGTGTGTG 2345
Db 1 TGTGTGTGTGTGTGTGTGTGTATTG 24

RESULT 354
US-09-557-423-7/c
; Sequence 7, Application US/09557423
; Patent No. US20020094555A1
; GENERAL INFORMATION:
; APPLICANT: Belotserkovskii, Boris
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: Locked Nucleic Acid Hybrids and Methods of Use
; FILE REFERENCE: A-68112-1/RFT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/557,423
; CURRENT FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: USSN 60/130,345
; PRIOR FILING DATE: 1999-04-21
; NUMBER OF SEQ ID NOS: 17
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Z-DNA
US-09-557-423-7

Query Match      0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGT 2336
Db 19 TGTGTGTGTGTGTGTGTGTGTGTGT 1

RESULT 355
US-09-557-423-8
; Sequence 8, Application US/09557423
; Patent No. US20020094555A1
; GENERAL INFORMATION:
; APPLICANT: Belotserkovskii, Boris
; APPLICANT: Reddy, Gurucharan
; APPLICANT: Zarling, David A.
; TITLE OF INVENTION: Locked Nucleic Acid Hybrids and Methods of Use
; FILE REFERENCE: A-68112-1/RFT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/557,423
; CURRENT FILING DATE: 2000-04-21
; PRIOR APPLICATION NUMBER: USSN 60/130,345
; PRIOR FILING DATE: 1999-04-21
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Z-DNA
US-09-557-423-8

Query Match      0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGTGTGTGT 2336
Db 1 TGTGTGTGTGTGTGTGTGTGTGTGT 19

RESULT 356
US-09-969-373-3086/c
; Sequence 3086, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 3086
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
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US-09-969-373-3086

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.9e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGT 2336  
DB 19 TGTGTGTGTGTGTGTGT 1

RESULT 357

US-09-263-959-836  
; Sequence 836, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Rowen, Lee  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mcmasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 836:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-09-263-959-836  
Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.9e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2823 TATATATATATATATATAT 2841  
DB 1 TATATATATATATATATAT 19

RESULT 358

US-09-953-562-3  
; Sequence 3, Application US/09953562  
; Publication No. US20030096241A1  
; GENERAL INFORMATION:  
; APPLICANT: ZERIA PHARMACEUTICALS CO., LTD.  
; TITLE OF INVENTION: METHOD OF SCREENING A DRUG FOR TREATMENT OF SQUAMOUS  
; TITLE OF INVENTION: CELL CARCINOMA  
; FILE REFERENCE: E6114-01  
; CURRENT APPLICATION NUMBER: US/09/953,562  
; CURRENT FILING DATE: 2003-02-24  
; PRIOR APPLICATION NUMBER: JP 2001-083352

; PRIOR FILING DATE: 2001-03-22  
; NUMBER OF SEQ ID NOS: 27

; SEQ ID NO 3  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: FGPR3 mutagenic oligonucleotide  
US-09-953-562-3

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.9e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1855 CCGTACCCCGCATCCCTG 1873  
DB 1 CCGTACCCCGCATCCCTG 19

RESULT 359

US-10-665-951-389  
; Sequence 389, Application US/10665951  
; Publication No. US20040138163A1  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; APPLICANT: Pavco, Pamela  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (SINA)  
; FILE REFERENCE: 400/131 (MEHB02-742-F)  
; CURRENT APPLICATION NUMBER: US/10/665,951  
; CURRENT FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: US 10/664,668  
; PRIOR FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 03/05022  
; PRIOR FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 60/399,348  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US 60/393,796  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/287,949  
; PRIOR FILING DATE: 2002-11-04  
; PRIOR APPLICATION NUMBER: US 10/306,747  
; PRIOR FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: PCT/US 02/17674  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2455  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 389  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 47.4%; Pred. No. 2.9e+02;  
Matches 9; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGT 2336  
DB 1 UGUGUGUGUGUGUGUGUGU 19



```
RESULT 360
US-10-665-951-816/c
; Sequence 816, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 816
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-816

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGCT 2316
DB 19 TGTGTGTGTGTGTGTGTGT 1

RESULT 361
US-10-665-951-1676
; Sequence 1676, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
```

```
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 1676
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
US-10-665-951-1676

Query Match 0.5%; Score 17.4; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGGACC 1627
DB 1 AAGUGCAUCCACAGAGACC 19

RESULT 362
US-10-665-951-1689
; Sequence 1689, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
```

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2455  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1689  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense  
US-10-665-951-1689

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 2.9e+02;  
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1843 CTGGGGGGCTCCCGTACC 1861  
|:|||||:|||||:  
Db 1 CUGGGGGCCUCCCGUACC 19

RESULT 363  
US-10-665-951-1923/c  
; Sequence 1923, Application US/10665951  
; Publication No. US20040138163A1  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; APPLICANT: Favco, Pamela  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/131 (MBH02-742-F)  
; CURRENT APPLICATION NUMBER: US/10/665,951  
; CURRENT FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: US 10/664,668  
; PRIOR FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 03/05022  
; PRIOR FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 60/399,348  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US 60/393,796  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/287,949  
; PRIOR FILING DATE: 2002-11-04  
; PRIOR APPLICATION NUMBER: US 10/306,747  
; PRIOR FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: PCT/US 02/17674  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1923  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-665-951-1923

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.9e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1609 AAGTGCATCCACAGGACC 1627  
|:|||||:|||||:  
Db 19 AAGTGCATCCACAGAGACC 1

RESULT 364  
US-10-665-951-1936/c  
; Sequence 1936, Application US/10665951  
; Publication No. US20040138163A1  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; APPLICANT: Favco, Pamela  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/131 (MBH02-742-F)  
; CURRENT APPLICATION NUMBER: US/10/665,951  
; CURRENT FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: US 10/664,668  
; PRIOR FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 03/05022  
; PRIOR FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 60/399,348  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US 60/393,796  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/287,949  
; PRIOR FILING DATE: 2002-11-04  
; PRIOR APPLICATION NUMBER: US 10/306,747  
; PRIOR FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: PCT/US 02/17674  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1936  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-665-951-1936

Query Match 0.5%; Score 17.4; DB 1; Length 19;  
Best Local Similarity 94.7%; Pred. No. 2.9e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1843 CTGGGGGGCTCCCGTACC 1861  
|:|||||:|||||:  
Db 19 CTGGGGGGCTCCCGTACC 1

RESULT 365  
US-10-303-420-146/c  
; Sequence 146, Application US/10303420  
; Publication No. US20040102398A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION  
; FILE REFERENCE: RTS-0417  
; CURRENT APPLICATION NUMBER: US/10/303,420  
; CURRENT FILING DATE: 2002-11-23  
; NUMBER OF SEQ ID NOS: 271  
; SEQ ID NO 146  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-303-420-146

Query Match 0.5%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1645 CTGGTGACCGAGGACAACG 1663  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 CTGGTGACAGAGGACAACG 1

RESULT 366  
US-10-303-420-250  
; Sequence 250, Application US/10303420  
; Publication No. US20040102398A1  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth P. Monia  
; TITLE OF INVENTION: MODULATION OF B7H EXPRESSION  
; FILE REFERENCE: RTS-0417  
; CURRENT APPLICATION NUMBER: US/10/303,420  
; CURRENT FILING DATE: 2002-11-23  
; NUMBER OF SEQ ID NOS: 271  
; SEQ ID NO 250  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: M. musculus  
; FEATURE:  
US-10-303-420-250

Query Match 0.5%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1645 CTGGTGACCGAGGACAACG 1663  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 CTGGTGACAGAGGACAACG 20

RESULT 367  
US-10-671-395-959/c  
; Sequence 959, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: EXPRESSION  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 959  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-959

Query Match 0.5%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCCGTGTGTGTGTGTGTGT 2350  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 TCCGTGTGTGTGTGTGTGT 1

RESULT 368  
US-10-671-395-967/c  
; Sequence 967, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: EXPRESSION  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 967  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-967

Query Match 0.5%; Score 17.4; DB 1; Length 20;  
Best Local Similarity 94.7%; Pred. No. 3.1e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTGT 2336  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TGTGTGTGTGTGTGTGTGT 2

RESULT 369  
US-10-786-720-11525/c  
; Sequence 11525, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: DISEASES  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 11525  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNAi-sense strand  
US-10-786-720-11525

Query Match 0.5%; Score 17.4; DB 1; Length 21;  
Best Local Similarity 94.7%; Pred. No. 3.3e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2329 GTGTGCGTGTGTGTGTGTGTG 2347  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 GTGTGCGTGTGTGTGTGTGTG 1

RESULT 370  
US-10-786-720-11528/c  
; Sequence 11528, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11528
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11528

Query Match
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGTGTGTGTGTGTGTGT 2350
| | | | | | | | | | | | | | | | | | | |
Db 3 TTCGTGTGTGTGTGTGTGT 21

RESULT 373
US-10-786-720-20999
; Sequence 20999, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20999
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-20999

Query Match
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGTGTGTGTGTGTGTGT 2350
| | | | | | | | | | | | | | | | | | | |
Db 1 UUCGUGUGUGUGUGUGUGU 19

RESULT 374
US-10-786-720-21000/c
; Sequence 21000, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21000
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-21000

Query Match
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGTGTGTGTGTGTGTGT 2350
| | | | | | | | | | | | | | | | | | | |
Db 19 TTCGTGTGTGTGTGTGTGT 1

RESULT 375
US-09-263-959-753/c
; Sequence 753, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11528
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11528

Query Match
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2327 GTGTGTGTGTGTGTGTGT 2345
| | | | | | | | | | | | | | | | | | | |
Db 19 GTGTGTGTGTGTGTGTGT 1

RESULT 371
US-10-786-720-11531/c
; Sequence 11531, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11531
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11531

Query Match
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGTGTGTGTGTGTGT 2343
| | | | | | | | | | | | | | | | | | | |
Db 19 GTGTGTGTGTGTGTGTGT 1

RESULT 372
US-10-786-720-20998
; Sequence 20998, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20998
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20998

Query Match
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGTGTGTGTGTGTGT 2343
| | | | | | | | | | | | | | | | | | | |
Db 19 GTGTGTGTGTGTGTGTGT 1

RESULT 373
US-10-786-720-20999
; Sequence 20999, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20999
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-20999

Query Match
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGTGTGTGTGTGTGT 2343
| | | | | | | | | | | | | | | | | | | |
Db 19 GTGTGTGTGTGTGTGTGT 1

RESULT 374
US-10-786-720-21000/c
; Sequence 21000, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21000
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-21000

Query Match
Best Local Similarity 94.7%; Pred. No. 3.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GTGTGTGTGTGTGTGTGT 2343
| | | | | | | | | | | | | | | | | | | |
Db 19 GTGTGTGTGTGTGTGTGT 1

RESULT 375
US-09-263-959-753/c
; Sequence 753, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.  
APPLICANT: Koop, Ben F.  
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
NUMBER OF SEQUENCES: 1279  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed and Berry LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: US  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 05-MAR-1999  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: McWaters, David D.  
REGISTRATION NUMBER: 33,963  
REFERENCE/DOCKET NUMBER: 920010.426C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 753:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-263-959-753

Query Match 0.5%; Score 17.4; DB 1; Length 22;  
Best Local Similarity 94.7%; Pred. No. 3.4e+02;  
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATATA 2844  
|||||

Db 22 ATATACATATACATATATA 4

RESULT 376  
US-09-725-265-4  
Sequence 4, Application US/09725265  
Publication No. US20010000175A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KAMAGATA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA  
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
TITLE OF INVENTION: THE METHOD  
FILE REFERENCE: 199953USOXDIV  
CURRENT APPLICATION NUMBER: US/09/725,265  
CURRENT FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: US 09/556,127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 4  
LENGTH: 30  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE

FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-4

Query Match 0.5%; Score 17.4; DB 1; Length 30;  
Best Local Similarity 77.8%; Pred. No. 4.8e+02;  
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285  
|||||

Db 3 ATATATTTTGTGTTTTTTTTTTT 29

RESULT 377  
US-09-725-265-10  
Sequence 10, Application US/09725265  
Publication No. US20010000175A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KAMAGATA, YOICHI  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
APPLICANT: KOYAMA, OSAMU  
APPLICANT: FURUSHO, KENTA  
TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MO  
TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
TITLE OF INVENTION: THE METHOD  
FILE REFERENCE: 199953USOXDIV  
CURRENT APPLICATION NUMBER: US/09/725,265  
CURRENT FILING DATE: 2000-11-29  
PRIOR APPLICATION NUMBER: US 09/556,127  
PRIOR FILING DATE: 2000-04-20  
PRIOR APPLICATION NUMBER: JP 1999-111601  
PRIOR FILING DATE: 1999-04-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 10  
LENGTH: 30  
TYPE: DNA  
ORGANISM: ARTIFICIAL SEQUENCE  
FEATURE:  
OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-10

Query Match 0.5%; Score 17.4; DB 1; Length 30;  
Best Local Similarity 77.8%; Pred. No. 4.8e+02;  
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3259 AGATATTTTATTTGCTTTGTCCTTTT 3285  
|||||

Db 3 ATATATTTTGTGTTTTTTTTTTT 29

RESULT 378  
US-09-891-517-5  
Sequence 5, Application US/09891517  
Patent No. US20020106653A1  
GENERAL INFORMATION:  
APPLICANT: KURANE, RYUICHIRO  
APPLICANT: KANAGAWA, TAKAHIRO  
APPLICANT: KAMAGATA, YOICHI  
APPLICANT: TORIMURA, MASAKI  
APPLICANT: KURATA, SHINYA  
APPLICANT: YAMADA, KAZUTAKA  
APPLICANT: YOKOMAKU, TOYOKAZU  
TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS C  
TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA C  
TITLE OF INVENTION: METHOD  
FILE REFERENCE: 210352US-1994-163-0-X  
CURRENT APPLICATION NUMBER: US/09/891,517  
CURRENT FILING DATE: 2001-06-27  
PRIOR APPLICATION NUMBER: JP2000-193133



```
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3259 AGATATTATTGCTTGTGCTTTT 3285
| | | | | | | | | | | | | | | | | | | | |
Db 3 ATATATTATTTCCTTTTTCCTTTT 29

RESULT 382
US-10-683-386-4
; Sequence 4, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR FILING DATE: 2000-04-20
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-4

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 4.8e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3259 AGATATTATTGCTTGTGCTTTT 3285
| | | | | | | | | | | | | | | | | | | | |
Db 3 ATATATTATTTCCTTTTTCCTTTT 29

RESULT 383
US-10-683-386-10
; Sequence 10, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; FILE REFERENCE: 0163-0758-0X
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/10/683,386
; PRIOR FILING DATE: 2000-04-20
; PRIOR FILING DATE: 2000-04-20
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 10

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 4.8e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3259 AGATATTATTGCTTGTGCTTTT 3285
| | | | | | | | | | | | | | | | | | | | |
Db 3 ATATATTATTTCCTTTTTCCTTTT 29

RESULT 384
US-09-801-274-960/C
; Sequence 960, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 960
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-960

Query Match 0.5%; Score 17.4; DB 1; Length 31;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 18; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3414 AGGGGCGGCCCTGTGTGCAG 3434
| | | | | | | | | | | | | | | | | | | | |
Db 21 AGGGGCGGCCCTGTGTGCAG 1

RESULT 385
US-10-118-783-92
; Sequence 92, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-92
```

```
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-10

Query Match 0.5%; Score 17.4; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 4.8e+02;
Matches 21; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3259 AGATATTATTGCTTGTGCTTTT 3285
| | | | | | | | | | | | | | | | | | | | |
Db 3 ATATATTATTTCCTTTTTCCTTTT 29

RESULT 384
US-09-801-274-960/C
; Sequence 960, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 960
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-960

Query Match 0.5%; Score 17.4; DB 1; Length 31;
Best Local Similarity 85.7%; Pred. No. 5e+02;
Matches 18; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3414 AGGGGCGGCCCTGTGTGCAG 3434
| | | | | | | | | | | | | | | | | | | | |
Db 21 AGGGGCGGCCCTGTGTGCAG 1

RESULT 385
US-10-118-783-92
; Sequence 92, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 92
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-92
```

Query Match 0.5%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 3.7e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 644 ACCTGAGGTGAATGCAGCAA 665  
DB 1 ACATCGAGGTGAATGGAGCAA 22

RESULT 386  
US-10-307-817-485  
; Sequence 485, Application US/10307817  
; Publication No. US20040058338A1  
; GENERAL INFORMATION:  
; APPLICANT: Agee et al.  
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME  
; FILE REFERENCE: 21402-502C  
; CURRENT APPLICATION NUMBER: US/10/307,817  
; PRIOR FILING DATE: 2002-12-02  
; NUMBER OF SEQ ID NOS: 682  
; SOFTWARE: CuraSeqList version 0.1  
; SEQ ID NO 485  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe  
US-10-307-817-485

Query Match 0.5%; Score 17.2; DB 1; Length 22;  
Best Local Similarity 86.4%; Pred. No. 3.7e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 637 CTCAAGCACGTGAGGTGAATG 658  
DB 1 CTAAGCACATCGAGGTGAATG 22

RESULT 387  
US-09-779-879A-25  
; Sequence 25, Application US/09779879A  
; Patent No. US20020048786A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRs) HDGMR10  
; FILE REFERENCE: 1488.115000A  
; CURRENT APPLICATION NUMBER: US/09/779,879A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; PRIOR FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 25  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain  
US-09-779-879A-25

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGTGAGGCTG 874

DB 1 GAGGTGCAGCTGTGTGAGTCTG 22

RESULT 388  
US-09-779-880A-25  
; Sequence 25, Application US/09779880A  
; Patent No. US20020061834A1  
; GENERAL INFORMATION:  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Li, Yi  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRs) HDGMR10  
; FILE REFERENCE: 1488.115000C  
; CURRENT APPLICATION NUMBER: US/09/779,880A  
; CURRENT FILING DATE: 2001-02-09  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/181,258  
; PRIOR FILING DATE: 2000-02-09  
; PRIOR APPLICATION NUMBER: US 60/187,999  
; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: US 60/234,336  
; PRIOR FILING DATE: 2000-09-22  
; NUMBER OF SEQ ID NOS: 58  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 25  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain  
US-09-779-880A-25

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGTGAGGCTG 874  
DB 1 GAGGTGCAGCTGTGTGAGTCTG 22

RESULT 389  
US-09-910-120-14  
; Sequence 14, Application US/09910120  
; Patent No. US20020137053A1  
; GENERAL INFORMATION:  
; APPLICANT: DANA AULT-RICHE  
; APPLICANT: PAUL D. KASSNER  
; TITLE OF INVENTION: COLLECTIONS OF BINDING PROTEINS AND TAGS  
; TITLE OF INVENTION: AND USES THEREOF FOR NESTED SORTING AND HIGH THROUGHPUT  
; TITLE OF INVENTION: SCREENING  
; FILE REFERENCE: 25885-1751  
; CURRENT APPLICATION NUMBER: US/09/910,120  
; CURRENT FILING DATE: 2001-07-18  
; PRIOR APPLICATION NUMBER: 60/219,183  
; PRIOR FILING DATE: 2000-07-19  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 14  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer:HuVH3aBACK  
US-09-910-120-14

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGTGTGAGGCTG 874



Db 1 GAGTGCAGCTGTGGAGTCTG 22

RESULT 390  
US-09-982-610-2/c  
; Sequence 2, Application US/09982610  
; Patent No. US20020146420A1  
; GENERAL INFORMATION:  
; APPLICANT: Genentech, Inc.  
; Bennett, Brian D.  
; Goeddel, David  
; Lee, James M.  
; Matthews, William  
; Tsai, Siao Ping  
; Wood, William I.  
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE AGONIST ANTIBODIES  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genentech, Inc.  
; STREET: 460 Point San Bruno Blvd  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Winpatin (Genentech)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/982,610  
; FILING DATE: 17-Oct-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/446,648  
; FILING DATE: 1996-MAY-23  
; APPLICATION NUMBER: 08/222616  
; FILING DATE: 04-APR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Lee, Wendy M.  
; REGISTRATION NUMBER: 40,378  
; REFERENCE/DOCKET NUMBER: P0821P3PCT  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415/225-1994  
; TELEFAX: 415/952-9881  
; TELEX: 910/371-7168  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-982-610-2

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1801 GAGTCTGTGCTTTGGGGTCC 1822  
Db 23 GAGTCTGTGCTTTGGAATTC 2

RESULT 391  
US-09-805-761-42  
; Sequence 42, Application US/09805761  
; Patent No. US20020165174A1  
; GENERAL INFORMATION:  
; APPLICANT: Gill, Parkesh  
; APPLICANT: Masood, Rizwan  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANTISENSE  
; TITLE OF INVENTION: VEGF OLIGONUCLEOTIDES

FILE REFERENCE: 21327-701CON2  
; CURRENT APPLICATION NUMBER: US/09/805,761  
; CURRENT FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: PCT/US01/00019  
; PRIOR FILING DATE: 2001-01-19  
; PRIOR APPLICATION NUMBER: US 09/487,023  
; PRIOR FILING DATE: 2000-01-19  
; PRIOR APPLICATION NUMBER: US 09/016,541  
; PRIOR FILING DATE: 2000-11-24  
; PRIOR APPLICATION NUMBER: US 09/016,541  
; PRIOR FILING DATE: 1998-01-30  
; PRIOR APPLICATION NUMBER: US 60/037,004  
; PRIOR FILING DATE: 1997-01-31  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 42  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: VEGFR-1 gene specific primers for RT-PCR  
US-09-805-761-42

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1573 CAGGTGGCCGGGGCATGGAGT 1594  
Db 1 CAAGTGGCCAGAGCATGGAGT 22

RESULT 392  
US-09-805-761-43  
; Sequence 43, Application US/09805761  
; Patent No. US20020165174A1  
; GENERAL INFORMATION:  
; APPLICANT: Gill, Parkesh  
; APPLICANT: Masood, Rizwan  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANTISENSE  
; TITLE OF INVENTION: VEGF OLIGONUCLEOTIDES  
; FILE REFERENCE: 21327-701CON2  
; CURRENT APPLICATION NUMBER: US/09/805,761  
; CURRENT FILING DATE: 2001-03-13  
; PRIOR APPLICATION NUMBER: PCT/US01/00019  
; PRIOR FILING DATE: 2001-01-19  
; PRIOR APPLICATION NUMBER: US 09/487,023  
; PRIOR FILING DATE: 2000-01-19  
; PRIOR APPLICATION NUMBER: US 09/016,541  
; PRIOR FILING DATE: 2000-11-24  
; PRIOR APPLICATION NUMBER: US 09/016,541  
; PRIOR FILING DATE: 1998-01-30  
; PRIOR APPLICATION NUMBER: US 60/037,004  
; PRIOR FILING DATE: 1997-01-31  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 43  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: VEGFR-1 gene specific primers for RT-PCR  
US-09-805-761-43

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1573 CAGGTGGCCGGGGCATGGAGT 1594  
Db 1 CAAGTGGCCAGAGCATGGAGT 22

**RESULT 393**

```

US-09-833-041-38
; Sequence 38, Application US/09833041
; Publication No. US20030125247A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PFS45
; CURRENT APPLICATION NUMBER: US/09/833,041
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/229,358
; PRIOR FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: 60/256,931
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/199,384
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: Degenerate VH forward p
; OTHER INFORMATION: amplifying human VH dom
US-09-833-041-38

```

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels

QY 853 GAGGAGGAGCTGGTGGAGCTG 874  
|||||  
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT, T 394

```

US-09-833-245-38
; Sequence 38, Application US/09833245
; Publication No. US20040010134A1
; GENERAL INFORMATION:
; APPLICANT: Human Genome Sciences, Inc.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PF546PCT
; CURRENT APPLICATION NUMBER: US/09/833,245
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/229, 358
; PRIOR FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: 60/256, 931
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/199, 384
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 2267
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; OTHER INFORMATION: Degenerate VH forward primer useful for
; OTHER INFORMATION: amplifying human VH domains
US-09-833-245-38

```

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19: Conservative 0; Mismatches 3; Indels

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
|||||  
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

## RESULT 395

```

US-09-832-929-38
; Sequence 38, Application US/09832929
; Publication No. US20040171123A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Haseltine, William A.
; TITLE OF INVENTION: Albumin Fusion Proteins
; FILE REFERENCE: PF547
; CURRENT APPLICATION NUMBER: US/09/832,929
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: 60/229,358
; PRIOR FILING DATE: 2000-04-12
; PRIOR APPLICATION NUMBER: 60/256,931
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: 60/199,384
; PRIOR FILING DATE: 2000-04-25
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; OTHER INFORMATION: Degenerate VH forward primer useful for
; - OTHER INFORMATION: amplifying human VH domains
US-09-832-929-38

```

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels

**Qy** 853 GAGGAGGAGCTGGTGGAGCTG 874  
|||||  
**Db** 1 GAGGTGCAGCTGGTGGAGCTG 22

RESIST.T 396

```

US-10-039-785-8
; Sequence 8, Application US/10039785
; Publication No. US20020067646A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; TITLE OF INVENTION: Receptors
; FILE REFERENCE: PF550
; CURRENT APPLICATION NUMBER: US/10/039,785
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/369,860
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/341,237
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: 60/331,310
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/331,044
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/327,364
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/293,473
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 23

```

```
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer useful for amplifying VH and VL domains
US-10-039-785-8

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
      |||||
Db       1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 397
US-10-153-064-35
; Sequence 35, Application US/10153064
; Publication No. US20020142814A1
; GENERAL INFORMATION:
; APPLICANT: Bell et al.
; TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins
; FILE REFERENCE: PF556
; CURRENT APPLICATION NUMBER: US/10/153,064
; CURRENT FILING DATE: 2002-05-24
; PRIOR APPLICATION NUMBER: 60/293,212
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 35-
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Degenerate VH forward primer useful for
; OTHER INFORMATION: amplifying human VH domains
US-10-153-064-35

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
      |||||
Db       1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 398
US-10-077-023-123
; Sequence 123, Application US/10077023
; Publication No. US20030031675A1
; GENERAL INFORMATION:
; APPLICANT: MIKESELL, GLEN E.
; APPLICANT: CHANG, HAN
; APPLICANT: FINGER, JOSHUA N.
; APPLICANT: YANG, GUCHEN
; APPLICANT: LU, PIN
; APPLICANT: ZHOU, XIA-DI
; APPLICANT: PEACH, ROBERT
; TITLE OF INVENTION: B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR
; TITLE OF INVENTION: IMMUNOMODULATION
; FILE REFERENCE: 3053-4071US3
; CURRENT APPLICATION NUMBER: US/10/077,023
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: 60/272,107
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/209,811
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 123
; LENGTH: 23
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-077-023-123

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
      |||||
Db       1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 399
US-10-075-846-40
; Sequence 40, Application US/10075846
; Publication No. US20030032608A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL GLYCINE RECEPTOR ALPHA SUBUNIT B
; TITLE OF INVENTION: IN THE GASTROINTESTINAL TRACT, HGRA4, and SPLICE VARIANT THEREOF
; FILE REFERENCE: D0079 NP
; CURRENT APPLICATION NUMBER: US/10/075,846
; CURRENT FILING DATE: 2002-02-13
; PRIOR APPLICATION NUMBER: US 60/269,535
; PRIOR FILING DATE: 2001-02-16
; NUMBER OF SEQ ID NOS: 81
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 40
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-075-846-40

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
      |||||
Db       1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 400
US-10-056-884-33
; Sequence 33, Application US/10056884
; Publication No. US20030032786A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUBU
; TITLE OF INVENTION: K-beta2
; FILE REFERENCE: D0076 NP
; CURRENT APPLICATION NUMBER: US/10/056,884
; CURRENT FILING DATE: 2002-01-24
; PRIOR APPLICATION NUMBER: US 60/263,872
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/269,794
; PRIOR FILING DATE: 2001-02-14
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 33
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-056-884-33

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGGAGGCTG 874
      |||||
```

```
Db      1  GAGTGCAGCTGCTGGAGTCTG 22

RESULT 401
US-10-080-980-30
; Sequence 30, Application US/10080980
; Publication No. US20030036115A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
; FILE REFERENCE: D0121 NP
; CURRENT APPLICATION NUMBER: US/10/080,980
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: US 60/270,132
; PRIOR FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: US 60/278,953
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-080-980-30

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGGAGCTGCTGGAGGCTG 874
Db      1  GAGTGCAGCTGCTGGAGTCTG 22

RESULT 402
US-10-092-135-40
; Sequence 40, Application US/10092135
; Publication No. US20030054374A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: D0134 NP
; CURRENT APPLICATION NUMBER: US/10/092,135
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: US 60/273,808
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/278,983
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 40
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-135-40

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGGAGCTGCTGGAGGCTG 874
Db      1  GAGTGCAGCTGCTGGAGTCTG 22

RESULT 403
US-10-086-156-60
; Sequence 60, Application US/10086156
; Publication No. US20030054989A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
```

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; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING TWO NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
; FILE REFERENCE: D0115NP
; CURRENT APPLICATION NUMBER: US/10/086,156
; CURRENT FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: US 60/272,190
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/274,258
; PRIOR FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 60
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-156-60

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGGAGCTGCTGGAGGCTG 874
Db      1  GAGTGCAGCTGCTGGAGTCTG 22

RESULT 404
US-10-081-775-30
; Sequence 30, Application US/10081775
; Publication No. US20030060409A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED
; FILE REFERENCE: D0126 NP
; CURRENT APPLICATION NUMBER: US/10/081,775
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: US 60/270,134
; PRIOR FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: US 60/278,952
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 30
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-081-775-30

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGGAGCTGCTGGAGGCTG 874
Db      1  GAGTGCAGCTGCTGGAGTCTG 22

RESULT 405
US-10-092-771-43
; Sequence 43, Application US/10092771
; Publication No. US20030064381A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: D0128NP
; CURRENT APPLICATION NUMBER: US/10/092,771
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: US 60/273,963
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/278,927
; PRIOR FILING DATE: 2001-03-27
```

; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 43  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-092-771-43

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
||||| ||||| ||||| ||||| |||||  
DB 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 406  
US-10-067-443-35  
; Sequence 35, Application US/10067443  
; Publication No. US20030082782A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED IN  
; FILE REFERENCE: D0073 NP  
; CURRENT APPLICATION NUMBER: US/10/067,443  
; PRIOR FILING DATE: 2002-02-05  
; PRIOR APPLICATION NUMBER: US 60/266,518  
; PRIOR FILING DATE: 2001-02-05  
; PRIOR APPLICATION NUMBER: US 60/282,814  
; PRIOR FILING DATE: 2001-04-10  
; NUMBER OF SEQ ID NOS: 71  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 35  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-067-443-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
||||| ||||| ||||| ||||| |||||  
DB 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 407  
US-10-104-943-96  
; Sequence 96, Application US/10104943  
; Publication No. US20030092017A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL IMMUNOGLOBULIN SUPERFAMILY MEMBER  
; FILE REFERENCE: D0135 NP  
; CURRENT APPLICATION NUMBER: US/10/104,943  
; PRIOR FILING DATE: 2002-03-22  
; PRIOR APPLICATION NUMBER: US 60/278,037  
; PRIOR FILING DATE: 2001-03-22  
; PRIOR APPLICATION NUMBER: US 60/281,223  
; PRIOR FILING DATE: 2001-04-03  
; NUMBER OF SEQ ID NOS: 129  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 96  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-104-943-96

Query Match 0.5%; Score 17.2; DB 1; Length 23;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
||||| ||||| ||||| ||||| |||||  
DB 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 408  
US-10-120-604-142  
; Sequence 142, Application US/10120604  
; Publication No. US20030096347A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING TWO NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR  
; FILE REFERENCE: D0143NP  
; CURRENT APPLICATION NUMBER: US/10/120,604  
; PRIOR FILING DATE: 2002-04-11  
; PRIOR APPLICATION NUMBER: US 60/283,145  
; PRIOR FILING DATE: 2001-04-11  
; PRIOR APPLICATION NUMBER: US 60/283,161  
; PRIOR FILING DATE: 2001-04-11  
; PRIOR APPLICATION NUMBER: US 60/288,468  
; PRIOR FILING DATE: 2001-05-03  
; PRIOR APPLICATION NUMBER: US 60/300,619  
; PRIOR FILING DATE: 2001-06-25  
; NUMBER OF SEQ ID NOS: 226  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 142  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-120-604-142

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
||||| ||||| ||||| ||||| |||||  
DB 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 409  
US-10-067-649-56  
; Sequence 56, Application US/10067649  
; Publication No. US20030100057A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPBMY14, RELATED TO  
; FILE REFERENCE: D0118 NP  
; CURRENT APPLICATION NUMBER: US/10/067,649  
; PRIOR FILING DATE: 2002-02-05  
; PRIOR APPLICATION NUMBER: US 60/266,525  
; PRIOR FILING DATE: 2001-02-05  
; PRIOR APPLICATION NUMBER: US 60/329,897  
; PRIOR FILING DATE: 2001-10-16  
; NUMBER OF SEQ ID NOS: 92  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 56  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-067-649-56

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
||||| ||||| ||||| ||||| |||||

Db 1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 410

US-10-067-800-25  
; Sequence 25, Application US/10067800  
; Publication No. US20030100058A1  
; GENERAL INFORMATION:  
; APPLICANT: Roschke, Viktor  
; APPLICANT: Rosen, Craig A.  
; APPLICANT: Ruben, Steven, M.  
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCRS) HDGMR10  
; FILE REFERENCE: 1488.1150001  
; CURRENT APPLICATION NUMBER: US/10/067,800  
; CURRENT FILING DATE: 2002-02-08  
; PRIOR APPLICATION NUMBER: PCT/US01/04153  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 09/779,880  
; PRIOR FILING DATE: 2001-02-09  
; PRIOR APPLICATION NUMBER: 60/297,257  
; PRIOR FILING DATE: 2001-06-12  
; PRIOR APPLICATION NUMBER: 60/310,458  
; PRIOR FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: 60/328,447  
; PRIOR FILING DATE: 2001-10-12  
; PRIOR APPLICATION NUMBER: 60/341,725  
; PRIOR FILING DATE: 2001-12-21  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 25  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain  
US-10-067-800-25

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGCTGGAGGCTG 874  
Db 1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 411

US-10-133-797-34  
; Sequence 34, Application US/10133797  
; Publication No. US20030109021A1  
; GENERAL INFORMATION:  
; APPLICANT: Wu, Shujian  
; APPLICANT: Chen, Jian  
; APPLICANT: Feder, John  
; APPLICANT: Lee, Liana  
; APPLICANT: Kyvstek, Stanley  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE HIGHLY EXPRESSED IN THE TESTIS, MMP-29  
; FILE REFERENCE: D0141NP  
; CURRENT APPLICATION NUMBER: US/10/133,797  
; CURRENT FILING DATE: 2002-04-26  
; PRIOR APPLICATION NUMBER: US 60/286,764  
; PRIOR FILING DATE: 2001-04-26  
; NUMBER OF SEQ ID NOS: 80  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 34  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-133-797-34

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 853 GAGGAGGAGCTGCTGGAGGCTG 874  
Db 1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 412

US-10-174-613-55  
; Sequence 55, Application US/10174613  
; Publication No. US20030114354A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL POTASSIUM CHANNEL WITH HOMOLOGY TO  
; FILE REFERENCE: D0123 NP  
; CURRENT APPLICATION NUMBER: US/10/174,613  
; CURRENT FILING DATE: 2002-06-19  
; PRIOR APPLICATION NUMBER: US 60/299,378  
; PRIOR FILING DATE: 2001-06-19  
; PRIOR APPLICATION NUMBER: US 60/300,614  
; PRIOR FILING DATE: 2001-06-25  
; NUMBER OF SEQ ID NOS: 93  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 55  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-174-613-55

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGCTGGAGGCTG 874  
Db 1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 413

US-10-071-458-42  
; Sequence 42, Application US/10071458  
; Publication No. US20030114371A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUBU  
; FILE REFERENCE: D0114.NP  
; CURRENT APPLICATION NUMBER: US/10/071,458  
; CURRENT FILING DATE: 2002-02-07  
; PRIOR APPLICATION NUMBER: US 60/267,039  
; PRIOR FILING DATE: 2001-02-05  
; PRIOR APPLICATION NUMBER: US 60/281,224  
; PRIOR FILING DATE: 2001-04-03  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 42  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-071-458-42

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGCTGGAGGCTG 874  
Db 1 GAGGTGCAGCTGCTGGAGTCTG 22

RESULT 414

US-10-116-519-107

; Sequence 107, Application US/10116519  
; Publication No. US20030114373A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL CYSTEINE PROTEASE OF THE CALPAIN  
; TITLE OF INVENTION: SUPERFAMILY, CAN-12 AND VARIANTS THEREOF  
; FILE REFERENCE: D0124 NP  
; CURRENT APPLICATION NUMBER: US/10/116,519  
; PRIOR FILING DATE: 2002-04-03  
; PRIOR APPLICATION NUMBER: US 60/281,253  
; PRIOR FILING DATE: 2001-04-03  
; PRIOR APPLICATION NUMBER: US 60/288,768  
; PRIOR FILING DATE: 2001-05-04  
; PRIOR APPLICATION NUMBER: US 60/296,180  
; PRIOR FILING DATE: 2001-06-06  
; PRIOR APPLICATION NUMBER: US 60/300,620  
; PRIOR FILING DATE: 2001-06-25  
; NUMBER OF SEQ ID NOS: 145  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 107  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-116-519-107

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGGAGCTG 874  
Db 1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 415  
US-10-173-461-30  
; Sequence 30, Application US/10173461  
; Publication No. US20030138795A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN GROWTH FACTOR WITH HOMOLOG  
; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR, BGS-8, EXPRESSED HIGHLY IN IMMUNE TISS  
; FILE REFERENCE: D0166 NP  
; CURRENT APPLICATION NUMBER: US/10/173,461  
; PRIOR FILING DATE: 2002-06-14  
; PRIOR APPLICATION NUMBER: US 60/298,340  
; PRIOR FILING DATE: 2001-06-14  
; NUMBER OF SEQ ID NOS: 69  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 30  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-173-461-30

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGGAGCTG 874  
Db 1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 416  
US-10-153-604A-35  
; Sequence 35, Application US/10153604A  
; Publication No. US20030143191A1  
; GENERAL INFORMATION:  
; APPLICANT: Bell et al.  
; TITLE OF INVENTION: Chemokine Beta-1 Fusion Proteins  
; FILE REFERENCE: PF556  
; CURRENT APPLICATION NUMBER: US/10/153,604A

; CURRENT FILING DATE: 2002-05-24  
; PRIOR APPLICATION NUMBER: 60/293,212  
; PRIOR FILING DATE: 2001-05-25  
; NUMBER OF SEQ ID NOS: 137  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 35  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Degenerate VH forward primer useful for  
; OTHER INFORMATION: amplifying human VH domains  
US-10-153-604A-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGGAGCTG 874  
Db 1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 417  
US-10-341-226-14  
; Sequence 14, Application US/10341226  
; Publication No. US20030143612A1  
; GENERAL INFORMATION:  
; APPLICANT: DANA AULT-RICHE  
; APPLICANT: PAUL D. KASSNER  
; TITLE OF INVENTION: COLLECTIONS OF BINDING PROTEINS AND TAGS AND USES THEREOF FOR NEST  
; TITLE OF INVENTION: SORTING AND HIGH THROUGHPUT SCREENING  
; FILE REFERENCE: 25885-1751B  
; CURRENT APPLICATION NUMBER: US/10/341,226  
; CURRENT FILING DATE: 2002-12-27  
; PRIOR APPLICATION NUMBER: 09/910,120  
; PRIOR FILING DATE: 2001-07-18  
; PRIOR APPLICATION NUMBER: 60/219,183  
; PRIOR FILING DATE: 2000-07-19  
; NUMBER OF SEQ ID NOS: 73  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 14  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer: HuVH3ABACK  
US-10-341-226-14

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGGAGCTG 874  
Db 1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 418  
US-10-153-244-274  
; Sequence 274, Application US/10153244  
; Publication No. US20030144191A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL TRP CHANNEL FAMILY MEMBER, TRP-PL  
; TITLE OF INVENTION: SPLICE VARIANTS THEREOF  
; FILE REFERENCE: D0144 NP  
; CURRENT APPLICATION NUMBER: US/10/153,244  
; CURRENT FILING DATE: 2002-05-22  
; PRIOR APPLICATION NUMBER: US 60/292,599  
; PRIOR FILING DATE: 2001-05-22  
; PRIOR APPLICATION NUMBER: US 60/362,944  
; PRIOR FILING DATE: 2002-03-08

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; NUMBER OF SEQ ID NOS: 335
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 274
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-153-244-274

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTCAGCTGGTGAGGCTG 22

RESULT 419
US-10-199-869-43
; Sequence 43, Application US/10199869
; Publication No. US20030152953A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL ALPHA-SUB
; FILE REFERENCE: D0161 NP
; CURRENT APPLICATION NUMBER: US/10/199,869
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: US 60/306,577
; PRIOR FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 43
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-199-869-43

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTCAGCTGGTGAGGCTG 22

RESULT 420
US-10-210-152-272
; Sequence 272, Application US/10210152
; Publication No. US20030162189A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL TRP CHANNEL FAMILY MEMBER, LTRPC3
; FILE REFERENCE: D0171 NP
; CURRENT APPLICATION NUMBER: US/10/210,152
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 60/309,544
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 320
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 272
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-210-152-272

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTCAGCTGGTGAGGCTG 22

RESULT 421
US-10-234-951A-28
; Sequence 28, Application US/10234951A
; Publication No. US20030162251A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL
; FILE REFERENCE: D0162 NP
; CURRENT APPLICATION NUMBER: US/10/234,951A
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: U.S. 60/317,087
; PRIOR FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: U.S. 60/329,666
; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-234-951A-28

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTCAGCTGGTGAGGCTG 22

RESULT 422
US-10-135-839-25
; Sequence 25, Application US/10135839
; Publication No. US20030166024A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig A.
; APPLICANT: Roschke, Viktor
; APPLICANT: Li, Yi
; APPLICANT: Ruben, Steven, M.
; TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGMR10
; FILE REFERENCE: 1488.115000A
; CURRENT APPLICATION NUMBER: US/10/135,839
; CURRENT FILING DATE: 2002-05-01
; PRIOR APPLICATION NUMBER: US/09/779,879A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/187,999
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/234,336
; PRIOR FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5' Oligonucleotide primer for VH Domain
US-10-135-839-25

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTCAGCTGGTGAGGCTG 22
```



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RESULT 423
US-10-159-339-49
; Sequence 49, Application US/10159339
; Publication No. US20030166540A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: HGRPMY30
; CURRENT APPLICATION NUMBER: US/10/159,339
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: US 60/294,411
; PRIOR FILING DATE: 2001-05-30
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-159-339-49

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
      ||||| ||||| ||||| ||||| |||||
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 424
US-10-120-398-38
; Sequence 38, Application US/10120398
; Publication No. US20030170786A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig, et al.
; TITLE OF INVENTION: Vascular Endothelial Growth Factor-2
; FILE REFERENCE: PF112P7
; CURRENT APPLICATION NUMBER: US/10/120,398
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/283,408
; PRIOR FILING DATE: 2001-04-13
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: VH Primer Hu VH3-5'
US-10-120-398-38

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
      ||||| ||||| ||||| ||||| |||||
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 425
US-10-120-414-38
; Sequence 38, Application US/10120414
; Publication No. US20030175274A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig, et al.
; TITLE OF INVENTION: Vascular Endothelial Growth Factor-2
; FILE REFERENCE: PF112P9
; CURRENT APPLICATION NUMBER: US/10/120,414
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/283,385
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; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/350,366
; PRIOR FILING DATE: 2002-01-24
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: VH Primer Hu VH3-5'
US-10-120-414-38

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
      ||||| ||||| ||||| ||||| |||||
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 426
US-10-120-377-38
; Sequence 38, Application US/10120377
; Publication No. US20030176674A1
; GENERAL INFORMATION:
; APPLICANT: Rosen, Craig, et al.
; TITLE OF INVENTION: Vascular Endothelial Growth Factor-2
; FILE REFERENCE: PF112P8
; CURRENT APPLICATION NUMBER: US/10/120,377
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 60/283,391
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 60/317,600
; PRIOR FILING DATE: 2001-09-07
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: VH Primer Hu VH3-5'
US-10-120-377-38

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
      ||||| ||||| ||||| ||||| |||||
Db      1 GAGGTGCAGCTGGTGAGGCTG 22

RESULT 427
US-10-322-673-8
; Sequence 8, Application US/10322673
; Publication No. US20030180296A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PF585
; CURRENT APPLICATION NUMBER: US/10/322,673
; CURRENT FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: 60/341,237
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: 60/369,877
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/384,828
; PRIOR FILING DATE: 2002-06-04
; PRIOR APPLICATION NUMBER: 60/396,591
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Thu Oct 28 12:48:26 2004

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; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: 60/403,370
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: 60/425,737
; PRIOR FILING DATE: 2002-11-13
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 8
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer useful for amplifying VH and VL domains
US-10-322-673-8

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGTCTG 22

RESULT 428
US-10-264-171-21
; Sequence 21, Application US/10264171
; Publication No. US2003018171A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN POTASSIUM CHANNEL BETA-SUB
; FILE REFERENCE: D0049A CIP
; CURRENT APPLICATION NUMBER: US/10/264,171
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: U.S. 10/040,805
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-264-171-21

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGTCTG 22

RESULT 429
US-10-271-078-55
; Sequence 55, Application US/10271078
; Publication No. US20030186267A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN LEUCINE-RICH REPEAT DOMAIN CONTAINING PROTEIN, HLLRCH
; FILE REFERENCE: D0157 NP
; CURRENT APPLICATION NUMBER: US/10/271,078
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: U.S. 60/328,478
; PRIOR FILING DATE: 2001-10-11
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-271-078-55

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGTCTG 22

RESULT 430
US-10-139-785-8
; Sequence 8, Application US/10139785
; Publication No. US20030190685A1
; GENERAL INFORMATION:
; APPLICANT: Salcedo et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind to TRAIL
; FILE REFERENCE: PF550
; CURRENT APPLICATION NUMBER: US/10/139,785
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 60/369,860
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 60/341,237
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: 60/331,310
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/331,044
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/327,364
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/323,807
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/309,176
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/294,981
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/293,473
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer useful for amplifying VH and VL domains
US-10-139-785-8

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGGTGAGGCTG 874
Db      1 GAGGTGCAGCTGGTGAGTCTG 22

RESULT 431
US-10-295-693-56
; Sequence 56, Application US/10295693
; Publication No. US20030198976A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMV14, RELATED TO THE
; FILE REFERENCE: D0118 CIP
; CURRENT APPLICATION NUMBER: US/10/295,693
; CURRENT FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: US 60/266,525
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 10/067,649
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 60/329,897
```

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; PRIOR FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 56
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-295-693-56

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGGAGGCTG 874
Db      1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 432
US-10-350-516-38
; Sequence 38, Application US/10350516
; Publication No. US20030204070A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METHIONINE AMINOPEPTIDASE,
; FILE REFERENCE: D0246 NP
; CURRENT APPLICATION NUMBER: US/10/350,516
; CURRENT FILING DATE: 2003-01-23
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: U.S. 60/351,251
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: U.S. 60/362,872
; PRIOR FILING DATE: 2002-03-08
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-350-516-38

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGGAGGCTG 874
Db      1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 433
US-10-319-315-61
; Sequence 61, Application US/10319315
; Publication No. US20030219774A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN NEUROTRANSMITTER TRANSPORTER
; FILE REFERENCE: D0205 NP
; CURRENT APPLICATION NUMBER: US/10/319,315
; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 61
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-319-315-61

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGGAGGCTG 874
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|||||  |||||  |||||  |||||  |||||  |||||
Db      1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 434
US-10-411-284-15
; Sequence 15, Application US/10411284
; Publication No. US20030224426A1
; GENERAL INFORMATION:
; APPLICANT: Li, Yi
; TITLE OF INVENTION: Human G-Protein Chemokine Receptor HSATU68
; FILE REFERENCE: PF218P1
; CURRENT APPLICATION NUMBER: US/10/411,284
; CURRENT FILING DATE: 2003-04-11
; PRIOR FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: 60/371,725
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: 09/101,518
; PRIOR FILING DATE: 1998-12-21
; PRIOR APPLICATION NUMBER: PCT/US96/00499
; PRIOR FILING DATE: 1996-01-11
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 15
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Degenerate VH forward primer
US-10-411-284-15

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGTGGAGCTG 874
Db      1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 435
US-10-405-793-272
; Sequence 272, Application US/10405793
; Publication No. US20030224450A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL TRP CHANNEL FAMILY MEMBER,
; FILE REFERENCE: D0171A CIP
; CURRENT APPLICATION NUMBER: US/10/405,793
; CURRENT FILING DATE: 2003-03-28
; PRIOR APPLICATION NUMBER: US 60/309,544
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: US 10/102,152
; PRIOR FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 272
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-405-793-272

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGTGGAGCTG 874
Db      1 GAGGTGCAGCTGTGTGGAGTCTG 22

RESULT 436
US-10-126-103-172
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/ Sequence 172, Application US/10126103
/ Publication No. US20030224486A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB PATHWAY
/ FILE REFERENCE: D0108.np
/ CURRENT APPLICATION NUMBER: US/10/126,103
/ CURRENT FILING DATE: 2002-04-19
/ PRIOR APPLICATION NUMBER: US 60/284,962
/ PRIOR FILING DATE: 2001-04-19
/ PRIOR APPLICATION NUMBER: US 60/286,645
/ PRIOR FILING DATE: 2001-04-26
/ PRIOR APPLICATION NUMBER: US 60/346,986
/ PRIOR FILING DATE: 2002-01-09
/ NUMBER OF SEQ ID NOS: 284
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 172
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-126-103-172

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
Db      1 GAGGTGAGCTGCTGGAGTCTG 22

RESULT 437
US-10-292-486-8
/ Sequence 8, Application US/10292486
/ Publication No. US20030228309A1
/ GENERAL INFORMATION:
/ APPLICANT: Salcedo et al.
/ TITLE OF INVENTION: Antibodies That Immunospecifically Bind To TRAIL Receptors
/ FILE REFERENCE: PF532P1
/ CURRENT APPLICATION NUMBER: US/10/292,486
/ CURRENT FILING DATE: 2002-11-13
/ PRIOR APPLICATION NUMBER: 60/403,376
/ PRIOR FILING DATE: 2002-08-15
/ PRIOR APPLICATION NUMBER: 60/377,973
/ PRIOR FILING DATE: 2002-05-07
/ PRIOR APPLICATION NUMBER: 60/331,309
/ PRIOR FILING DATE: 2001-11-14
/ PRIOR APPLICATION NUMBER: 09/986,149
/ PRIOR FILING DATE: 2001-11-07
/ PRIOR APPLICATION NUMBER: 60/327,359
/ PRIOR FILING DATE: 2001-10-09
/ PRIOR APPLICATION NUMBER: 60/295,018
/ PRIOR FILING DATE: 2001-06-04
/ PRIOR APPLICATION NUMBER: 60/252,904
/ PRIOR FILING DATE: 2000-11-27
/ PRIOR APPLICATION NUMBER: 60/248,847
/ PRIOR FILING DATE: 2000-11-16
/ PRIOR APPLICATION NUMBER: 60/246,612
/ PRIOR FILING DATE: 2000-11-08
/ NUMBER OF SEQ ID NOS: 47
/ SEQ ID NO 8
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-292-486-8

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
Db      1 GAGGTGAGCTGCTGGAGTCTG 22

RESULT 438
US-10-298-215-13/c
/ Sequence 13, Application US/10298215
/ Publication No. US20040009157A1
/ GENERAL INFORMATION:
/ APPLICANT: Gazit, Dan
/ TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
/ FILE REFERENCE: P-4891-US2
/ CURRENT APPLICATION NUMBER: US/10/298,215
/ CURRENT FILING DATE: 2002-11-18
/ NUMBER OF SEQ ID NOS: 17
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 13
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Mus musculus
US-10-298-215-13

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      521 CCCGACCGCGCCCTCTCTGCA 542
Db      23 CACCACCGCGCCCTCTCTCCA 2

RESULT 439
US-10-390-585-70
/ Sequence 70, Application US/10390585
/ Publication No. US20040014093A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL CYSTEINE PROTEASE OF THE CALPAIN
/ FILE REFERENCE: D0219np
/ CURRENT APPLICATION NUMBER: US/10/390,585
/ CURRENT FILING DATE: 2003-03-14
/ PRIOR APPLICATION NUMBER: U.S. 60/364,941
/ PRIOR FILING DATE: 2002-03-14
/ NUMBER OF SEQ ID NOS: 102
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 70
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-390-585-70

Query Match          0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGCTGGAGGCTG 874
Db      1 GAGGTGAGCTGCTGGAGTCTG 22

RESULT 440
US-10-649-273-35
/ Sequence 35, Application US/10649273
/ Publication No. US20040043407A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE, MP-1
/ FILE REFERENCE: D0073 CNT
/ CURRENT APPLICATION NUMBER: US/10/649,273
/ CURRENT FILING DATE: 2003-08-27
/ PRIOR APPLICATION NUMBER: US 60/266,518
/ PRIOR FILING DATE: 2001-02-05
/ PRIOR APPLICATION NUMBER: US 10/067,443
/ PRIOR FILING DATE: 2002-02-05
```

; PRIOR APPLICATION NUMBER: US 60/282,814  
; PRIOR FILING DATE: 2001-04-10  
; NUMBER OF SEQ ID NOS: 71  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 35  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-649-273-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
|||||  
DB 1 GAGGTGCAGCTGGTGGAGTCTG 22

## RESULT 441

US-10-651-722-35  
; Sequence 35, Application US/10651722  
; Publication No. US20040048302A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL METALLOPROTEASE, MP-1  
; FILE REFERENCE: D0073 DIV  
; CURRENT APPLICATION NUMBER: US/10/651,722  
; PRIOR FILING DATE: 2003-08-29  
; PRIOR APPLICATION NUMBER: US 60/266,518  
; PRIOR FILING DATE: 2001-02-05  
; PRIOR APPLICATION NUMBER: US 10/067,443  
; PRIOR FILING DATE: 2002-02-05  
; PRIOR APPLICATION NUMBER: US 60/282,814  
; PRIOR FILING DATE: 2001-04-10  
; NUMBER OF SEQ ID NOS: 71  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 35  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-651-722-35

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
|||||  
DB 1 GAGGTGCAGCTGGTGGAGTCTG 22

## RESULT 442

US-10-351-891-14  
; Sequence 14, Application US/10351891  
; Publication No. US20040048311A1  
; GENERAL INFORMATION:  
; APPLICANT: DANA AULT-RICHE  
; APPLICANT: PAUL D. KASSNER  
; TITLE OF INVENTION: USE OF COLLECTIONS OF BINDING SITES FOR SAMPLE PROFILING AND OTHER  
; FILE REFERENCE: 25885-1753  
; CURRENT APPLICATION NUMBER: US/10/351,891  
; CURRENT FILING DATE: 2003-01-24  
; PRIOR APPLICATION NUMBER: US 60/352,011  
; PRIOR FILING DATE: 2002-01-24  
; NUMBER OF SEQ ID NOS: 140  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 14  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Primer:HuVH3aBACK  
US-10-351-891-14

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
|||||  
DB 1 GAGGTGCAGCTGGTGGAGTCTG 22

## RESULT 443

US-10-334-360-17  
; Sequence 17, Application US/10334360  
; Publication No. US20040086881A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, BMSOTR, AND SPLICE  
; FILE REFERENCE: D0201 NP  
; CURRENT APPLICATION NUMBER: US/10/334,360  
; PRIOR FILING DATE: 2002-12-30  
; PRIOR APPLICATION NUMBER: U.S. 60/345,706  
; PRIOR FILING DATE: 2002-01-04  
; PRIOR APPLICATION NUMBER: U.S. 60/355,559  
; PRIOR FILING DATE: 2002-02-06  
; NUMBER OF SEQ ID NOS: 63  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 17  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-334-360-17

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;  
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874  
|||||  
DB 1 GAGGTGCAGCTGGTGGAGTCTG 22

## RESULT 444

US-10-431-096-172  
; Sequence 172, Application US/10431096  
; Publication No. US20040086896A1  
; GENERAL INFORMATION:  
; APPLICANT: Bristol-Myers Squibb Company  
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB  
; TITLE OF INVENTION: PATHWAY  
; FILE REFERENCE: D0108A CIP  
; CURRENT APPLICATION NUMBER: US/10/431,096  
; CURRENT FILING DATE: 2003-05-07  
; PRIOR APPLICATION NUMBER: US 60/284,962  
; PRIOR FILING DATE: 2001-04-19  
; PRIOR APPLICATION NUMBER: US 10/126,103  
; PRIOR FILING DATE: 2002-04-19  
; PRIOR APPLICATION NUMBER: US 60/286,645  
; PRIOR FILING DATE: 2001-04-26  
; PRIOR APPLICATION NUMBER: US 60/346,986  
; PRIOR FILING DATE: 2002-01-09  
; NUMBER OF SEQ ID NOS: 307  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 172  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-431-096-172

Query Match 0.5%; Score 17.2; DB 1; Length 23;  
Best Local Similarity 86.4%; Pred. No. 3.9e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGAGGCTG 874  
|||||  
Db 1 GAGGTGACGCTGTGTGAGTCTG 22

## RESULT 445

US-10-803-622-83

; Sequence 83, Application US/10803622

; Publication No. US20040157214A1

; GENERAL INFORMATION:

; APPLICANT: Cambridge Antibody Technology

; APPLICANT: Cambridge Antibody Technology Limited

; APPLICANT: Medical Research Council

; APPLICANT: McCafferty, John

; APPLICANT: Pope, Anthony

; APPLICANT: Johnson, Kevin

; APPLICANT: Hoogenboom, Hendricus

; APPLICANT: Griffiths, Andrew

; APPLICANT: Jackson, Ronald

; APPLICANT: Holliger, Kasper

; APPLICANT: Marks, James

; APPLICANT: Clackson, Timothy

; APPLICANT: Chiswell, David

; APPLICANT: Winter, Gregory

; APPLICANT: Bonert, Timothy

; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs

; FILE REFERENCE: 13839-00013

; CURRENT APPLICATION NUMBER: US/10/803,622

; CURRENT FILING DATE: 2004-03-18

; PRIOR APPLICATION NUMBER: GB 9015198.6

; PRIOR FILING DATE: 1990-07-10

; PRIOR APPLICATION NUMBER: GB 9022845.3

; PRIOR FILING DATE: 1990-10-19

; PRIOR APPLICATION NUMBER: GB 9022845.3

; PRIOR FILING DATE: 1990-10-19

; PRIOR APPLICATION NUMBER: GB 9024503.6

; PRIOR FILING DATE: 1990-11-12

; PRIOR APPLICATION NUMBER: GB 9104744.9

; PRIOR FILING DATE: 1991-03-06

; PRIOR APPLICATION NUMBER: GB 9110549.4

; PRIOR FILING DATE: 1991-05-15

; PRIOR APPLICATION NUMBER: PCT/GB91/01134

; PRIOR FILING DATE: 1991-07-10

; PRIOR APPLICATION NUMBER: US 07/971,857

; PRIOR FILING DATE: 1993-01-08

; PRIOR APPLICATION NUMBER: US 08/484,893

; PRIOR FILING DATE: 1995-06-07

; NUMBER OF SEQ ID NOS: 272

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 83

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR Primer

US-10-803-622-83

Query Match 0.5%; Score 17.2; DB 1; Length 23;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGAGGCTG 874  
|||||  
Db 1 GAGGTGACGCTGTGTGAGTCTG 22

## RESULT 446

US-10-803-653-83

; Sequence 83, Application US/10803653

; Publication No. US20040157215A1

; GENERAL INFORMATION:

; APPLICANT: Cambridge Antibody Technology  
; APPLICANT: Cambridge Antibody Technology Limited  
; APPLICANT: Medical Research Council  
; APPLICANT: McCafferty, John  
; APPLICANT: Pope, Anthony  
; APPLICANT: Johnson, Kevin  
; APPLICANT: Hoogenboom, Hendricus  
; APPLICANT: Griffiths, Andrew  
; APPLICANT: Jackson, Ronald  
; APPLICANT: Holliger, Kasper  
; APPLICANT: Marks, James  
; APPLICANT: Clackson, Timothy  
; APPLICANT: Chiswell, David  
; APPLICANT: Winter, Gregory  
; APPLICANT: Bonert, Timothy  
; TITLE OF INVENTION: Methods for Producing Members of Specific Binding Pairs  
; FILE REFERENCE: 13839-00013  
; CURRENT APPLICATION NUMBER: US/10/803,653  
; CURRENT FILING DATE: 2004-03-18  
; PRIOR APPLICATION NUMBER: GB 9015198.6  
; PRIOR FILING DATE: 1990-07-10  
; PRIOR APPLICATION NUMBER: GB 9022845.3  
; PRIOR FILING DATE: 1990-10-19  
; PRIOR APPLICATION NUMBER: GB 9022845.3  
; PRIOR FILING DATE: 1990-10-19  
; PRIOR APPLICATION NUMBER: GB 9024503.6  
; PRIOR FILING DATE: 1990-11-12  
; PRIOR APPLICATION NUMBER: GB 9104744.9  
; PRIOR FILING DATE: 1991-03-06  
; PRIOR APPLICATION NUMBER: GB 9110549.4  
; PRIOR FILING DATE: 1991-05-15  
; PRIOR APPLICATION NUMBER: PCT/GB91/01134  
; PRIOR FILING DATE: 1991-07-10  
; PRIOR APPLICATION NUMBER: US 07/971,857  
; PRIOR FILING DATE: 1993-01-08  
; PRIOR APPLICATION NUMBER: US 08/484,893  
; PRIOR FILING DATE: 1995-06-07  
; NUMBER OF SEQ ID NOS: 272  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 83  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: PCR Primer

US-10-803-653-83

Query Match 0.5%; Score 17.2; DB 1; Length 23;

Best Local Similarity 86.4%; Pred. No. 3.9e+02;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGAGCTGTGTGAGGCTG 874  
|||||  
Db 1 GAGGTGACGCTGTGTGAGTCTG 22

## RESULT 447

US-10-615-659-69

; Sequence 69, Application US/10615659

; Publication No. US20040157234A1

; GENERAL INFORMATION:

; APPLICANT: Bristol-Myers Squibb Company

; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL TESTIS-SPECIFIC TUBULIN

; TITLE OF INVENTION: TYROSINE-LIGASE-LIKE PROTEIN, BGS42

; FILE REFERENCE: D0283 NP

; CURRENT APPLICATION NUMBER: US/10/615,659

; CURRENT FILING DATE: 2003-07-09

; PRIOR APPLICATION NUMBER: U.S. 60/394,725

; PRIOR FILING DATE: 2002-07-09

; NUMBER OF SEQ ID NOS: 102

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 69

; LENGTH: 23

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-615-659-69

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 448
US-10-635-977-69
; Sequence 69, Application US/10635977
; Publication No. US20040171131A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING A NOVEL TESTIS-SPECIFIC TUBULIN
; FILE REFERENCE: D0283A CIP
; CURRENT APPLICATION NUMBER: US/10/635,977
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: U.S. 60/394,725
; PRIOR FILING DATE: 2002-07-09
; PRIOR APPLICATION NUMBER: U.S. 10/615,659
; PRIOR FILING DATE: 2003-07-09
; NUMBER OF SEQ ID NOS: 103
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 69
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-635-977-69

Query Match      0.5%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 449
US-10-085-906-357
; Sequence 357, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 357
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-357

Query Match      0.5%; Score 17.2; DB 1; Length 26;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGGCTG 874
Db 1 GAGGTGCAGCTGGTGGAGTCTG 22

RESULT 450
US-09-958-221A-18
; Sequence 18, Application US/09958221A
; Publication No. US20030017471A1
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-18

Query Match      0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGTGTG 2333
Db 1 CTGTGTGTGTGTGTGTGTG 17

RESULT 451
US-09-958-221A-20/c
; Sequence 20, Application US/09958221A
; Publication No. US20030017471A1
; GENERAL INFORMATION:
; APPLICANT: Haeringen van, Willem A.
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS
; FILE REFERENCE: 92750/64
; CURRENT APPLICATION NUMBER: US/09/958,221A
; CURRENT FILING DATE: 2001-10-03
; PRIOR APPLICATION NUMBER: EP 00200757.3
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: PCT/NL01/00177
; PRIOR FILING DATE: 2001-03-05
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-958-221A-20

Query Match      0.4%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGTG 2334
Db 1 TGTGTGTGTGTGTGTGTG 17

```

Db 17 TGTGTGTGTGTGTGC 1

RESULT 452

US-09-953-047-4

; Sequence 4, Application US/09953047

; Publication No. US20030087854A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/09/953,047

; CURRENT FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 4

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR Primer

US-09-953-047-4

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.9e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1245 GGCCATCGGCATTGACA 1261

|||||

Db 1 GGCCATCGGCATTGACA 17

RESULT 453

US-10-630-401-4

; Sequence 4, Application US/10630401

; Publication No. US20040048824A1

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE

; FILE REFERENCE: RTS-0157

; CURRENT APPLICATION NUMBER: US/10/630,401

; CURRENT FILING DATE: 2003-07-30

; PRIOR APPLICATION NUMBER: US/09/953,047

; PRIOR FILING DATE: 2001-09-10

; NUMBER OF SEQ ID NOS: 95

; SEQ ID NO 4

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR Primer

US-10-630-401-4

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.9e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1245 GGCCATCGGCATTGACA 1261

|||||

Db 1 GGCCATCGGCATTGACA 17

RESULT 454

US-10-138-674-8257

; Sequence 8257, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Favco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8257

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-138-674-8257

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 52.9%; Pred. No. 2.9e+02;

Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTG 2333

|||||

Db 1 CUGUGUGUGUGUGUG 17

RESULT 455

US-10-138-674-8258

; Sequence 8258, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Favco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8258

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-138-674-8258

Query Match 0.4%; Score 17; DB 1; Length 17;

Best Local Similarity 52.9%; Pred. No. 2.9e+02;

Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351

|||||

Db 1 GUGUGUGUGUGUGUG 17

RESULT 456

US-10-138-674-8983

; Sequence 8983, Application US/10138674

; Publication No. US20040077565A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Favco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

; FILE REFERENCE: MEHB00-876-N (400/049)

; CURRENT APPLICATION NUMBER: US/10/138,674

; CURRENT FILING DATE: 2002-05-03

; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 8983

; LENGTH: 17



; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-138-674-8983

Query Match 0.4%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 2.9e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1794 CCAGAGTGACGTCTGGT 1810  
DB 1 CCAGAGUGACGUCUGGU 17

## RESULT 457

US-10-287-949A-8257  
; Sequence 8257, Application US/10287949A  
; Publication No. US20040102389A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/287,949A  
; CURRENT FILING DATE: 2003-04-11  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8257  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-287-949A-8257

Query Match 0.4%; Score 17; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 2.9e+02;  
Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGTG 2333  
DB 1 CUGUGUGUGUGUGUGUG 17

## RESULT 458

US-10-287-949A-8258  
; Sequence 8258, Application US/10287949A  
; Publication No. US20040102389A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/287,949A  
; CURRENT FILING DATE: 2003-04-11  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8258  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-287-949A-8258

Query Match 0.4%; Score 17; DB 1; Length 17;  
Best Local Similarity 52.9%; Pred. No. 2.9e+02;  
Matches 9; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351

DB 1 GUGUGUGUGUGUGUG 17

## RESULT 459

US-10-287-949A-8983  
; Sequence 8983, Application US/10287949A  
; Publication No. US20040102389A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/287,949A  
; CURRENT FILING DATE: 2003-04-11  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8983  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-287-949A-8983

Query Match 0.4%; Score 17; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 2.9e+02;  
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1794 CCAGAGTGACGTCTGGT 1810  
DB 1 CCAGAGUGACGUCUGGU 17

## RESULT 460

US-09-735-363A-17  
; Sequence 17, Application US/09735363A  
; Patent No. US20010041681A1  
; GENERAL INFORMATION:  
; APPLICANT: Filion, Mario  
; APPLICANT: Phillip, Nigel  
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides  
; FILE REFERENCE: 02811-0181  
; CURRENT APPLICATION NUMBER: US/09/735,363A  
; CURRENT FILING DATE: 2000-12-12  
; PRIOR APPLICATION NUMBER: 60/170,325  
; PRIOR FILING DATE: 1999-12-13  
; PRIOR APPLICATION NUMBER: 60/228,925  
; PRIOR FILING DATE: 2000-08-29  
; NUMBER OF SEQ ID NOS: 87  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 17  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Oligonucleotide  
US-09-735-363A-17

Query Match 0.4%; Score 17; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351  
DB 2 GTGTGTGTGTGTGTGTG 18

## RESULT 461

US-09-735-363A-18  
; Sequence 18, Application US/09735363A

```

; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-18

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
Db 1 GTGTGTGTGTGTGTGTG 17

RESULT 462
US-09-896-650A-28
; Sequence 28, Application US/09896650A
; Patent No. US20020146704A1
; GENERAL INFORMATION:
; APPLICANT: Head, Steven
; APPLICANT: Boyce-Jacino, Michael
; APPLICANT: Karn, Jonathan
; APPLICANT: Goeliet, Philip
; TITLE OF INVENTION: De No. US20020146704A1 or "Universal" Sequencing Array
; FILE REFERENCE: 13019-2
; CURRENT APPLICATION NUMBER: US/09/896,650A
; CURRENT FILING DATE: 2001-06-29
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Reagent Sequence
US-09-896-650A-28

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
Db 2 GTGTGTGTGTGTGTGTG 18

RESULT 463
US-10-011-204-1/c
; Sequence 1, Application US/10011204
; Publication No. US20020182617A1
; GENERAL INFORMATION:
; APPLICANT: EKINS, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180US
; CURRENT APPLICATION NUMBER: US/10/011,204
; CURRENT FILING DATE: 2001-11-08

; Patent No. US20010041681A1
; GENERAL INFORMATION:
; APPLICANT: Filion, Mario
; TITLE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides
; FILE REFERENCE: 02811-0181
; CURRENT APPLICATION NUMBER: US/09/735,363A
; CURRENT FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 60/170,325
; PRIOR FILING DATE: 1999-12-13
; PRIOR APPLICATION NUMBER: 60/228,925
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-735-363A-18

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
Db 1 GTGTGTGTGTGTGTGTG 17

RESULT 464
US-10-011-204-2
; Sequence 2, Application US/10011204
; Publication No. US20020182617A1
; GENERAL INFORMATION:
; APPLICANT: EKINS, Roger P
; TITLE OF INVENTION: Binding assay using binding agents with tail groups
; FILE REFERENCE: 0380-P01180US
; CURRENT APPLICATION NUMBER: US/10/011,204
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US/08/700,530
; PRIOR FILING DATE: 1996-10-23
; PRIOR APPLICATION NUMBER: PCT/GB95/00521
; PRIOR FILING DATE: 1995-03-10
; PRIOR APPLICATION NUMBER: GB 9404709.9
; PRIOR FILING DATE: 1994-03-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-10-011-204-2

Query Match      0.4%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGTG 2351
Db 1 GTGTGTGTGTGTGTGTG 17

RESULT 465
US-10-189-267-141/c
; Sequence 141, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
```

; CURRENT FILING DATE: 2002-07-02  
; NUMBER OF SEQ ID NOS: 284  
; SEQ ID NO 141  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-189-267-141

Query Match 0.4%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3377 TTGCTGTGTGCCAGG 3393  
Db 18 TTGCTGTGTGCCAGG 2

RESULT 466  
US-10-189-267-262  
; Sequence 262, Application US/10189267  
; Publication No. US20040006030A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Susan M. Freier  
; APPLICANT: Kenneth W. Dobie  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION  
; FILE REFERENCE: PTS-0038  
; CURRENT APPLICATION NUMBER: US/10/189,267  
; CURRENT FILING DATE: 2002-07-02  
; NUMBER OF SEQ ID NOS: 284  
; SEQ ID NO 262  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: M. musculus  
; FEATURE:  
US-10-189-267-262

Query Match 0.4%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3377 TTGCTGTGTGCCAGG 3393  
Db 3 TTGCTGTGTGCCAGG 19

RESULT 467  
US-10-671-395-1191/c  
; Sequence 1191, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1191  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1191

Query Match 0.4%; Score 17; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.5e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351  
Db 20 GTGTGTGTGTGTGTG 4

RESULT 468  
US-10-786-720-11539/c  
; Sequence 11539, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 11539  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-786-720-11539

Query Match 0.4%; Score 17; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 3.7e+02;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTG 2351  
Db 17 GTGTGTGTGTGTGTG 1

RESULT 469  
US-09-969-373-2420  
; Sequence 2420, Application US/09969373  
; Patent No. US20020133852A1  
; GENERAL INFORMATION:  
; APPLICANT: Eifertz, Roger J.  
; APPLICANT: Haug, Brian M.  
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
; FILE REFERENCE: 38-10(52679)A  
; CURRENT APPLICATION NUMBER: US/09/969,373  
; CURRENT FILING DATE: 2001-10-02  
; PRIOR APPLICATION NUMBER: US 09/754,853  
; PRIOR FILING DATE: 2001-01-05  
; PRIOR APPLICATION NUMBER: US 09/760,427  
; PRIOR FILING DATE: 2001-01-13  
; PRIOR APPLICATION NUMBER: US 09/855,768  
; PRIOR FILING DATE: 2001-05-15  
; NUMBER OF SEQ ID NOS: 4593  
; SEQ ID NO 2420  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Glycine max  
US-09-969-373-2420

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2316 TCTGTGTGTGTGTGTGCG 2335  
Db 1 TCTGTGTGTGTGTGTG 20

RESULT 470  
US-09-969-373-2422

; Sequence 2422, Application US/09969373  
; Patent No. US20020133852A1  
; GENERAL INFORMATION:  
; APPLICANT: Effertz, Roger J.  
; APPLICANT: Hauge, Brian M.  
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping  
; FILE REFERENCE: 38-10(52679)A  
; CURRENT APPLICATION NUMBER: US/09/969,373  
; CURRENT FILING DATE: 2001-10-02  
; PRIOR FILING DATE: 2001-01-05  
; PRIOR APPLICATION NUMBER: US 09/754,853  
; PRIOR FILING DATE: 2001-01-13  
; PRIOR APPLICATION NUMBER: US 09/760,427  
; PRIOR FILING DATE: 2001-01-13  
; PRIOR APPLICATION NUMBER: US 09/855,768  
; PRIOR FILING DATE: 2001-05-15  
; NUMBER OF SEQ ID NOS: 4593  
; SEQ ID NO 2422  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Glycine max  
US-09-969-373-2422

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2316 TCTGTGTGTGTGTGTGTGCG 2335  
|||||  
Db 1 TCTGTGTGTGTGTGTGTG 20

RESULT 471  
US-09-263-959-596  
; Sequence 596, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mcmasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 622-6031  
; INFORMATION FOR SEQ ID NO: 596:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-596

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

RESULT 472  
US-09-263-959-596/c  
; Sequence 596, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mcmasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 622-6031  
; INFORMATION FOR SEQ ID NO: 596:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-596

Query Match 0.4%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3463 TATATATATCTATATATATA 3482  
|||||  
Db 1 TATATATATTTATTTATATA 20

RESULT 472  
US-09-263-959-596/c  
; Sequence 596, Application US/09263959  
; Patent No. US20020150891A1  
; GENERAL INFORMATION:  
; APPLICANT: Hood, Leroy E.  
; APPLICANT: Koop, Ben F.  
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI  
; NUMBER OF SEQUENCES: 1279  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mcmasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 622-6031  
; INFORMATION FOR SEQ ID NO: 596:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-596

Query Match 0.4%; Score 16.8; DB 1; Length 20;  
Best Local Similarity 90.0%; Pred. No. 3.8e+02;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2825 TATATATATATATATATA 2844  
|||||  
Db 20 TATATAATAATATATATA 1

RESULT 473  
US-10-167-547C-42/c  
; Sequence 42, Application US/10167547C  
; Publication No. US20030170653A1  
; GENERAL INFORMATION:  
; APPLICANT: E.I. du Pont de Nemours and Company  
; APPLICANT: Damude, Howard G.  
; TITLE OF INVENTION: A Biological Method for the Production of Alpha-Methylene-Gamma  
; FILE REFERENCE: C11804 US NA  
; CURRENT APPLICATION NUMBER: US/10/167,547C  
; CURRENT FILING DATE: 2003-03-17  
; PRIOR APPLICATION NUMBER: 60/297198  
; PRIOR FILING DATE: 2001-06-08  
; NUMBER OF SEQ ID NOS: 67

```
; SOFTWARE: Microsoft Office 07
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer NW23
US-10-167-547C-42

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 883 GGCAGTGTGTATGCAGGCAT 902
    |||||
Db 20 GGCATTGTGTATGCAGGAAT 1

RESULT 474
US-10-319-893-53
; Sequence 53, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-893-53

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2691 TTTCCCACTTCCCACTGC 2710
    |||||
Db 1 TTTTCCACTTCCCACTGC 20

RESULT 475
US-10-319-893-128/c
; Sequence 128, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-319-893-128

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2691 TTTCCCACTTCCCACTGC 2710
    |||||
Db 20 TTTTCCACTTCCCACTGC 1

RESULT 476
US-10-671-395-1147/c
; Sequence 1147, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1147

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2324 TGTGTGTGTCGTCGTGTG 2343
    |||||
Db 20 TGTGTGTGTCGTCGTGTG 1

RESULT 477
US-10-671-395-1158/c
; Sequence 1158, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1158

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2325 GTGTGTGTGTCGTCGTGTG 2344
    |||||
Db 20 GTGTGTGTCGTCGTGTGT 1

RESULT 478
US-10-671-395-1388/c
; Sequence 1388, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
```

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; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1388
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1388

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 GTGTGTGTGTCGTGTGTGT 2342
DB 20 GTGTGTGTGCCGTGTGTGT 1

RESULT 479
US-10-671-395-1396/c
; Sequence 1396, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1396
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1396

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGCGGTGTGTGT 2341
DB 20 TGTGTGTGTGCCGTGTGTGT 1

RESULT 480
US-10-659-473-23/c
; Sequence 23, Application US/10659473
; Publication No. US20040197906A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PKA REGULATORY SUBUNIT RII BETA EXPRESSION
; FILE REFERENCE: RTS-0218
; CURRENT APPLICATION NUMBER: US/10/659,473
; CURRENT FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: US/09/915,485A
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 83

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; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-659-473-23

Query Match          0.4%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 177 CGAAGACGGGAGGAGGAGG 196
DB 20 CGAGGACGGGAGGAGGAGG 1

RESULT 481
US-10-118-783-93/c
; Sequence 93, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and Kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated With Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 93
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-93

Query Match          0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1531 GAGGAGCAGCTCACCTTCAA 1550
DB 20 GAGGAGCAGCTCTCTCTCCAA 1

RESULT 482
US-10-786-720-11535
; Sequence 11535, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11535
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-11535

Query Match          0.4%; Score 16.8; DB 1; Length 21;

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Best Local Similarity 50.0%; Pred. No. 4e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 10; Conservative 8;

QY 2323 GTGTGTGTGCGTGTGTGT 2342
Db 1 GCGUGUGUGUGAUGUGUGU 20

RESULT 483
US-10-786-720-11544
; Sequence 11544, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11544
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-11544

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 45.0%; Pred. No. 4e+02; Mismatches 9; Indels 0; Gaps 0;
Matches 9; Conservative 9;

QY 2331 GCGUGUGUGUGTGTGTGTGT 2350
Db 1 GUGAUGUGUGUGUGUGUGUGU 20

RESULT 484
US-10-786-720-17095/c
; Sequence 17095, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17095
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17095

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 2332 TCGTGTGTGTGTGTGTGTGT 2351
Db 20 TCGTGTGTGTGTGTGTGTGT 1

RESULT 485
US-10-786-720-17107/c
; Sequence 17107, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

```

```

; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17107
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17107

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 2322 TGTGTGTGTGTGTGTGTGTGT 2341
Db 20 TGTGTGTGTGTGTGTGTGTGT 1

RESULT 486
US-10-786-720-17455/c
; Sequence 17455, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17455
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17455

Query Match 0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

QY 2323 GTGTGTGTGTGTGTGTGTGT 2342
Db 21 GTGTGTGTGTGTGTGTGTGT 2

RESULT 487
US-10-786-720-17457
; Sequence 17457, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17457
; LENGTH: 21
; TYPE: RNA

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; ORGANISM: RNAi-antisense strand
US-10-786-720-17457

Query Match          0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 45.0%; Pred. No. 4e+02; 2; Indels 0; Gaps 0;
Matches 9; Conservative

QY 2323 GTGTGTGTGTCGTGTGTG 2342
Db 1 GUGUGUGUCGUCGUGUGU 20

RESULT 488
US-10-786-720-18280/c
; Sequence 18280, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18280
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-18280

Query Match          0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative

QY 2332 TGGTGTGTGTGTGTGTGTG 2351
Db 20 TGCTGTGTGTGTGTGTGTG 1

RESULT 489
US-10-786-720-18292/c
; Sequence 18292, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18292
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-18292

Query Match          0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative

QY 2322 TGCTGTGTGTGTGTGTGTG 2341
Db 20 TGCTGTGTGTGTGTGTGTG 1

RESULT 490
US-10-786-720-18643/c
; Sequence 18643, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18643
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-18643

Query Match          0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative

QY 2323 GTGTGTGTGTGTGTGTGTG 2342
Db 21 GTGTGTGTGTGTGTGTGTG 2

RESULT 491
US-10-786-720-18645
; Sequence 18645, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18645
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-18645

Query Match          0.4%; Score 16.8; DB 1; Length 21;
Best Local Similarity 45.0%; Pred. No. 4e+02; 2; Indels 0; Gaps 0;
Matches 9; Conservative

QY 2323 GTGTGTGTGTGTGTGTGTG 2342
Db 1 GUGUGUGUCGUCGUGUGU 20

RESULT 492
US-09-263-959-753
; Sequence 753, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
```



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; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 753:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-753

Query Match 0.4%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3463 TATATATATCTATATATA 3482
DB 2 TATATATATCTATATATA 21

RESULT 493
US-09-912-679-60/c
; Sequence 60, Application US/09912679
; Patent No. US20020141974A1
; GENERAL INFORMATION:
; APPLICANT: Jolly, Douglas J.
; Chang, Stephen M.W.
; Lee, William T.L.
; Townsend, Kay
; O'Dea, Joanne
; TITLE OF INVENTION: HEPATITIS THERAPEUTICS
; NUMBER OF SEQUENCES: 84
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: U.S.
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912,679
; FILING DATE: 07-Jun-1995
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.407C5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-622-4900
; TELEFAX: 206-682-6031
; TELEX: 3723836
; INFORMATION FOR SEQ ID NO: 60:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-912-679-60

Query Match 0.4%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1820 TCCTGCTCTGGGAGATCTTC 1839
DB 20 TCTTGCTCTGGGAGATCTGC 1

RESULT 494
US-09-466-035-60/c
; Sequence 60, Application US/09466035
; Patent No. US20020165172A1
; GENERAL INFORMATION:
; APPLICANT: SALLBERG, MATTI
; MILICH, DAVID R.
; LEE, WILLIAM T.L.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; INTRACELLULAR DISEASES
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Robins & Pasternak LLP
; STREET: 545 Middlefield Road, Suite 180
; CITY: Menlo Park
; STATE: California
; COUNTRY: U.S.
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/466,035
; FILING DATE: 17-Dec-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pasternak, Dahn S.
; REGISTRATION NUMBER: 41,411
; REFERENCE/DOCKET NUMBER: 2300-1231.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-325-7812
; TELEFAX: 650-325-7823
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-466-035-60

Query Match 0.4%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1820 TCCTGCTCTGGGAGATCTTC 1839
DB 20 TCTTGCTCTGGGAGATCTGC 1

RESULT 495
US-09-988-899-16
; Sequence 16, Application US/09988899

```

```
; Patent No. US20020102613A1
; GENERAL INFORMATION:
; APPLICANT: HOOGENDOORN, HENDRICUS R.J.M.
; TITLE OF INVENTION: NOVEL FAB FRAGMENT LIBRARIES AND METHOD FOR THEIR USE
; FILE REFERENCE: DX/003 CON
; CURRENT APPLICATION NUMBER: US/09/988,899
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: PCT/US00/13682
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 99201558.6
; PRIOR FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-988-899-16

Query Match          0.4%; Score 16.8; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 4.4e+02;
Matches 18; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGTGAGGCTG 874
Db      1 SAGGTGCAGCTGTGTGAGTCTG 22

RESULT 496
US-09-988-899-17
; Sequence 17, Application US/099888899
; Patent No. US20020102613A1
; GENERAL INFORMATION:
; APPLICANT: HOOGENDOORN, HENDRICUS R.J.M.
; TITLE OF INVENTION: NOVEL FAB FRAGMENT LIBRARIES AND METHOD FOR THEIR USE
; FILE REFERENCE: DX/003 CON
; CURRENT APPLICATION NUMBER: US/09/988,899
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: PCT/US00/13682
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 99201558.6
; PRIOR FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-988-899-17

Query Match          0.4%; Score 16.8; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 4.4e+02;
Matches 18; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      853 GAGGAGGAGCTGTGTGAGGCTG 874
Db      1 GAGGTGCAGCTGTGTGAGWCYG 22

RESULT 497
US-09-911-904-85
; Sequence 85, Application US/09911904
; Publication No. US20030096234A1
; GENERAL INFORMATION:
; APPLICANT: Farr, Spencer B.
; APPLICANT: Pickett, Gavin G.
; APPLICANT: Neft, Robin Eileen
; APPLICANT: Dunn, II, Robert Thomas
; TITLE OF INVENTION: CANINE TOXICITY GENES
```

```
; FILE REFERENCE: 400742000200
; CURRENT APPLICATION NUMBER: US/09/911,904
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: US 60/220,057
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 386
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 85
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-911-904-85

Query Match          0.4%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1040 AGGTGTCCCTGGAGTCCCAAC 1059
Db      1 AGGTGTCCCTGGAGCCCAAC 20

RESULT 498
US-10-319-221-3
; Sequence 3, Application US/10319221
; Publication No. US20030159169A1
; GENERAL INFORMATION:
; APPLICANT: Colloidi, Paul
; APPLICANT: Fan, Lianchun
; APPLICANT: Ma, Chunguang
; TITLE OF INVENTION: CELL CULTURE SYSTEM AND METHODS OF USE
; FILE REFERENCE: 290.00300101
; CURRENT APPLICATION NUMBER: US/10/319,221
; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: primer
US-10-319-221-3

Query Match          0.4%; Score 16.8; DB 1; Length 23;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      646 GTGGAGGTGAATGGCAGCAA 665
Db      2 GTGGAGGTGAGTGGCAGCAA 21

RESULT 499
US-10-110-707A-53
; Sequence 53, Application US/10110707A
; Publication No. US20040106109A1
; GENERAL INFORMATION:
; APPLICANT: Ortho Clinical Diagnostics, Inc.
; APPLICANT: Belly, Robert
; APPLICANT: Todd, Alison
; APPLICANT: Fuery, Caroline
; TITLE OF INVENTION: Detection of RAS Mutations
; FILE REFERENCE: CDS-247
; CURRENT APPLICATION NUMBER: US/10/110,707A
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: PCT/US01/42422
; PRIOR FILING DATE: 2002-10-02
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 24
; TYPE: DNA
```



Publication No. US20030036110A1  
GENERAL INFORMATION:  
APPLICANT: MAERTENS, GEERT  
BOSMAN, FONS  
DE MARTYNOFF, GUY  
BUYSE, MARIE-ANGE  
TITLE OF INVENTION: PURIFIED HEPATITIS C VIRUS ENVELOPE  
PROTEINS FOR DIAGNOSTIC AND THERAPEUTIC USE  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHYE P.C.  
STREET: 1100 NORTH GLEBE ROAD  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22201-4714  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/899,303  
FILING DATE: 06-Jul-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/612,973  
FILING DATE: 11-MAR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: BYRNE, THOMAS E.  
REGISTRATION NUMBER: 32,205  
REFERENCE/DOCKET NUMBER: 1487-10  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 816-4000  
TELEFAX: (703) 816-4100  
INFORMATION FOR SEQ ID NO: 106:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
SEQUENCE DESCRIPTION: SEQ ID NO: 106:  
US-09-899-303-106  
Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.7e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2164 GCCCACCAGCAGTGGGGCTC 2186  
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1  
RESULT 504  
US-09-995-808-106/c  
Sequence 106, Application US/09995808  
Publication No. US20030095980A1  
GENERAL INFORMATION:  
APPLICANT: Innogenetics N.V.  
TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and  
therapeutic use.  
FILE REFERENCE: 2551-70  
CURRENT APPLICATION NUMBER: US/09/995,808  
CURRENT FILING DATE: 2001-11-29  
SOFTWARE: Patent In 3.1  
NUMBER OF SEQ ID NOS: 122  
SEQ ID NO 106  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Hepatitis C virus  
US-09-995-808-106  
Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.7e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2164 GCCCACCAGCAGTGGGGCTC 2186  
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1  
RESULT 505  
US-09-995-791-106/c  
Sequence 106, Application US/09995791  
Publication No. US20030147918A1  
GENERAL INFORMATION:  
APPLICANT: Innogenetics N.V.  
TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and  
therapeutic use.  
FILE REFERENCE: 2551-68  
CURRENT APPLICATION NUMBER: US/09/995,791  
CURRENT FILING DATE: 2001-11-29  
NUMBER OF SEQ ID NOS: 122  
SOFTWARE: Patent In 3.1  
SEQ ID NO 106  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Hepatitis C virus  
US-09-995-791-106  
Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.7e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2164 GCCCACCAGCAGTGGGGCTC 2186  
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1  
RESULT 506  
US-09-995-808-106/c  
Sequence 106, Application US/09995808  
Publication No. US20030095980A1  
GENERAL INFORMATION:  
APPLICANT: Innogenetics N.V.  
TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and  
therapeutic use.  
FILE REFERENCE: 2551-70  
CURRENT APPLICATION NUMBER: US/09/995,808  
CURRENT FILING DATE: 2001-11-29  
SOFTWARE: Patent In 3.1  
NUMBER OF SEQ ID NOS: 122  
SEQ ID NO 106  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Hepatitis C virus  
US-09-995-808-106  
Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.7e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2164 GCCCACCAGCAGTGGGGCTC 2186  
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1  
RESULT 507  
US-10-357-488-34/c  
Sequence 34, Application US/10357488  
Publication No. US20030194730A1  
GENERAL INFORMATION:  
APPLICANT: Centre For DNA Fingerprinting and Diagnostics

US-09-995-808-106  
Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.7e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2164 GCCCACCAGCAGTGGGGCTC 2186  
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1  
RESULT 505  
US-09-995-860-106/c  
Sequence 106, Application US/09995860  
Publication No. US20030118603A1  
GENERAL INFORMATION:  
APPLICANT: Innogenetics N.V.  
TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and  
therapeutic use.  
FILE REFERENCE: 2551-69  
CURRENT APPLICATION NUMBER: US/09/995,860  
CURRENT FILING DATE: 2001-11-29  
NUMBER OF SEQ ID NOS: 122  
SOFTWARE: Patent In 3.1  
SEQ ID NO 106  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Hepatitis C virus  
US-09-995-860-106  
Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.7e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2164 GCCCACCAGCAGTGGGGCTC 2186  
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1  
RESULT 506  
US-09-995-791-106/c  
Sequence 106, Application US/09995791  
Publication No. US20030147918A1  
GENERAL INFORMATION:  
APPLICANT: Innogenetics N.V.  
TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and  
therapeutic use.  
FILE REFERENCE: 2551-68  
CURRENT APPLICATION NUMBER: US/09/995,791  
CURRENT FILING DATE: 2001-11-29  
NUMBER OF SEQ ID NOS: 122  
SOFTWARE: Patent In 3.1  
SEQ ID NO 106  
LENGTH: 23  
TYPE: DNA  
ORGANISM: Hepatitis C virus  
US-09-995-791-106  
Query Match 0.4%; Score 16.6; DB 1; Length 23;  
Best Local Similarity 82.6%; Pred. No. 4.7e+02;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 2164 GCCCACCAGCAGTGGGGCTC 2186  
DB 23 GCGCTACCCAGCAGCGGGAGCTC 1  
RESULT 507  
US-10-357-488-34/c  
Sequence 34, Application US/10357488  
Publication No. US20030194730A1  
GENERAL INFORMATION:  
APPLICANT: Centre For DNA Fingerprinting and Diagnostics

```
; TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre
; FILE REFERENCE: 782-indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; PRIOR FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-34

Query Match      0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2309 GCTTGTGCTGTGTGTGTGTG 2331
Db 23 GCTGTGCATGTGTGTGTGTG 1

RESULT 508
US-10-649-413-6/c
; Sequence 6, Application US/10649413
; Publication No. US20040067885A1
; GENERAL INFORMATION:
; APPLICANT: Ullrich, Axel
; APPLICANT: Bange, Johannes
; APPLICANT: Kovazev, Pjotr
; TITLE OF INVENTION: Use of inhibitors for the treatment of RTK-hyperfunction-induced
; TITLE OF INVENTION: disorders, particularly cancer
; FILE REFERENCE: 205884
; CURRENT APPLICATION NUMBER: US/10/649,413
; CURRENT FILING DATE: 2003-08-27
; PRIOR APPLICATION NUMBER: PCT/EP99/00405
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: DE 198 02 377.4
; PRIOR FILING DATE: 1998-01-22
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer for the amplification of the transmembrane domain of R
; OTHER INFORMATION: (wild-type and mutant)
US-10-649-413-6

Query Match      0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1009 CACAAGATCTCCGCTTCCGCT 1031
Db 23 CAGAAGCTCTCCCTCTTCCCTCT 1

RESULT 509
US-10-321-798-106/c
; Sequence 106, Application US/10321798
; Publication No. US20040126395A1
; GENERAL INFORMATION:
; APPLICANT: Innogenetics N.V.
; TITLE OF INVENTION: Purified hepatitis C virus envelope proteins for diagnostic and
; TITLE OF INVENTION: therapeutic use.
; FILE REFERENCE: 2551-93
```

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; CURRENT APPLICATION NUMBER: US/10/321,798
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: 60/418,358
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: 10/020,510
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn 3.1
; SEQ ID NO 106
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Hepatitis C virus
; OTHER INFORMATION:
US-10-321-798-106

Query Match      0.4%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2164 GCCCCACCCAGCAGTGGGGCTC 2186
Db 23 GCGTACCCAGCAGCGGGAGCTC 1

RESULT 510
US-09-888-326-85
; Sequence 85, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-85

Query Match      0.4%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATAT 2841
Db 1 ATATATATATATATATATAT 18

RESULT 511
US-09-888-326-85/c
; Sequence 85, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
```



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; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 817
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-817

Query Match      0.4%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2322 TGTGTGTGTGGGTGTG 2339
DB      19 TGTGTGTGTGGGTGTG 2

RESULT 515
US-09-967-655-59/c
; Sequence 59, Application US/09967655
; Publication No. US20030092649A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0227
; CURRENT APPLICATION NUMBER: US/09/967,655
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-655-59

Query Match      0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1584 GGGCATGGAGTACTTGGC 1601
DB      19 GGGCATGGAGTCTTGGC 2

RESULT 516
US-09-961-001-59/c
; Sequence 59, Application US/09961001
; Publication No. US20030109466A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier

```

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; TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION
; FILE REFERENCE: RTS-0280
; CURRENT APPLICATION NUMBER: US/09/961,001
; CURRENT FILING DATE: 2001-09-20
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-961-001-59

Query Match      0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1672 ATCGCAGACTTCGGGTG 1689
DB      20 ATCAGACTTCGGGTG 3

RESULT 517
US-10-671-395-1098/c
; Sequence 1098, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1098
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1098

Query Match      0.4%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2316 TCTGTGTGTGTGTGTG 2333
DB      18 TCGGTGTGTGTGTGTG 1

RESULT 518
US-09-232-785-5/c
; Sequence 5, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Eght, Craig S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E188US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 5

```

```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-5

Query Match      0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3575 AAAGCTTGGAGGGAAGCC 3592
Db 18 AAAGCTTGGAGGAGGCC 1

RESULT 519
US-10-371-961-28/c
; Sequence 28, Application US/10371961
; Publication No. US20030181695A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Vascular Inflammation
; TITLE OF INVENTION: Pathology By Multiple Administration Of Chimeric
; FILE REFERENCE: 0975.1005-033
; CURRENT APPLICATION NUMBER: US/10/371,961
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
US-10-371-961-28

Query Match      0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCACACCTGCAA 2

RESULT 520
US-10-371-443-28/c
; Sequence 28, Application US/10379866
; Publication No. US20030198641A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Ulcerative Colitis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-034
; CURRENT APPLICATION NUMBER: US/10/379,866
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
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```
; Sequence 28, Application US/10371443
; Publication No. US20030198634A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Joint Inflammation
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-031
; CURRENT APPLICATION NUMBER: US/10/371,443
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
US-10-371-443-28

Query Match      0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCACACCTGCAA 2

RESULT 521
US-10-379-866-28/c
; Sequence 28, Application US/10379866
; Publication No. US20030198641A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Ulcerative Colitis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-034
; CURRENT APPLICATION NUMBER: US/10/379,866
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
```



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; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
; US-10-371-962-28

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCACACCTGCAA 2

RESULT 523
US-10-452-510-205
; Sequence 205, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 205
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-452-510-205

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGACGCTGG 514
Db 1 ACACGCTGGCGCTGG 18

RESULT 524
US-10-617-334-205
; Sequence 205, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
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; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Partial sequence of pLC671
; US-10-379-866-28

Query Match 0.4%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523
Db 19 CTCCTTCACACCTGCAA 2

RESULT 522
US-10-371-962-28/c
; Sequence 28, Application US/10371962
; Publication No. US20030204066A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghraieeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Psoriatic Arthritis
; FILE REFERENCE: 0975.1005-032
; CURRENT APPLICATION NUMBER: US/10/371,962
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
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; PRIOR APPLICATION NUMBER: 60/138,048  
 ; PRIOR FILING DATE: 1999-06-08  
 ; PRIOR APPLICATION NUMBER: 60/139,600  
 ; PRIOR FILING DATE: 1999-06-17  
 ; PRIOR APPLICATION NUMBER: 60/151,977  
 ; PRIOR FILING DATE: 1999-09-01  
 ; NUMBER OF SEQ ID NOS: 287  
 ; SOFTWARE: PatentIn 3.0  
 ; SEQ ID NO 205  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-617-334-205

Query Match 0.4%; Score 16.4; DB 1; Length 21;  
 Best Local Similarity 94.4%; Pred. No. 4.6e+02;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGCGTGG 514  
 Db 1 ACACGCTGGCGTGG 18

RESULT 525  
 US-10-665-971-28/c  
 ; Sequence 28, Application US/10665971  
 ; Publication No. US20040115200A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junming  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Grayeb, John  
 ; APPLICANT: Knight, David  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Methods of Treating Neurodegenerative Inflammation with  
 ; TITLE OF INVENTION: Chimeric Anti-TNF Antibodies  
 ; FILE REFERENCE: 0975.1005-036  
 ; CURRENT APPLICATION NUMBER: US/10/665,971  
 ; PRIOR FILING DATE: 2003-09-19  
 ; PRIOR APPLICATION NUMBER: U.S. 09/756,398  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11  
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 ; PRIOR FILING DATE: 1994-10-18  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 ; PRIOR FILING DATE: 1994-02-04  
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 ; PRIOR FILING DATE: 1993-01-29  
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 ; PRIOR FILING DATE: 1993-02-02  
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 ; PRIOR FILING DATE: 1992-09-11  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 30  
 ; SOFTWARE: FastSeq for Windows Version 4.0  
 ; SEQ ID NO 28  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Partial sequence of pLC671  
 US-10-665-971-28

Query Match 0.4%; Score 16.4; DB 1; Length 21;  
 Best Local Similarity 94.4%; Pred. No. 4.6e+02;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACACCTGCAA 1523  
 Db 19 CTCCTTCGACACCTGCAA 2

RESULT 526  
 US-10-745-377-119  
 ; Sequence 119, Application US/10745377  
 ; Publication No. US20040137423A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Hayden, Michael R.  
 ; APPLICANT: Pimstone, Simon  
 ; APPLICANT: Brooks-Wilson, Angela R.  
 ; APPLICANT: Clee, Susanne M.  
 ; TITLE OF INVENTION: Compositions and Methods for Modulating  
 ; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels  
 ; FILE REFERENCE: 760050-109  
 ; CURRENT APPLICATION NUMBER: US/10/745,377  
 ; PRIOR FILING DATE: 2003-12-23  
 ; PRIOR APPLICATION NUMBER: 09/654,323  
 ; PRIOR FILING DATE: 2000-09-01  
 ; PRIOR APPLICATION NUMBER: US 60/124,702  
 ; PRIOR FILING DATE: 1999-03-15  
 ; PRIOR APPLICATION NUMBER: US 60/138,048  
 ; PRIOR FILING DATE: 1999-06-08  
 ; PRIOR APPLICATION NUMBER: US 60/139,600  
 ; PRIOR FILING DATE: 1999-06-17  
 ; PRIOR APPLICATION NUMBER: US 60/151,977  
 ; PRIOR FILING DATE: 1999-09-01  
 ; PRIOR APPLICATION NUMBER: US 09/526,193  
 ; PRIOR FILING DATE: 2000-03-15  
 ; PRIOR APPLICATION NUMBER: US 60/213,958  
 ; PRIOR FILING DATE: 2000-06-23  
 ; NUMBER OF SEQ ID NOS: 256  
 ; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)  
 ; SEQ ID NO 119  
 ; LENGTH: 21  
 ; TYPE: DNA  
 ; ORGANISM: homo sapien  
 US-10-745-377-119

Query Match 0.4%; Score 16.4; DB 1; Length 21;  
 Best Local Similarity 94.4%; Pred. No. 4.6e+02;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGCGTGG 514  
 Db 1 ACACGCTGGCGTGG 18

RESULT 527  
 US-10-774-118-28/c  
 ; Sequence 28, Application US/10774118  
 ; Publication No. US20040138427A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Le, Junming  
 ; APPLICANT: Vilcek, Jan  
 ; APPLICANT: Daddona, Peter  
 ; APPLICANT: Grayeb, John  
 ; APPLICANT: Knight, David  
 ; APPLICANT: Siegel, Scott  
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
 ; TITLE OF INVENTION: Human Tumor Necrosis Factor  
 ; FILE REFERENCE: 0975.1005-038  
 ; CURRENT APPLICATION NUMBER: US/10/774,118  
 ; PRIOR FILING DATE: 2004-02-06  
 ; PRIOR APPLICATION NUMBER: US 09/756,301  
 ; PRIOR FILING DATE: 2001-01-08  
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
 ; PRIOR FILING DATE: 1998-08-12  
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
 ; PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799  
 PRIOR FILING DATE: 1994-10-18  
 PRIOR APPLICATION NUMBER: U.S. 08/192,102  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/192,861  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/192,093  
 PRIOR FILING DATE: 1994-02-04  
 PRIOR APPLICATION NUMBER: U.S. 08/010,406  
 PRIOR FILING DATE: 1993-01-29  
 PRIOR APPLICATION NUMBER: U.S. 08/013,413  
 PRIOR FILING DATE: 1993-02-02  
 PRIOR APPLICATION NUMBER: U.S. 07/943,852  
 PRIOR FILING DATE: 1992-09-11  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 30  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 28  
 LENGTH: 21  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Partial sequence of PLC671  
 US-10-774-118-28

Query Match 0.4%; Score 16.4; DB 1; Length 21;  
 Best Local Similarity 94.4%; Pred. No. 4.6e+02;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1506 CTCCTTCGACCTGCAA 1523  
 Db 19 CTCCTTCGACCTGCAA 2

RESULT 528  
 US-10-744-465-205  
 Sequence 205, Application US/10744465  
 Publication No. US20040157250A1  
 GENERAL INFORMATION:  
 APPLICANT: Hayden, Michael R.  
 APPLICANT: Brooks-Wilson, Angela R.  
 TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS  
 FILE REFERENCE: 760050-92  
 CURRENT APPLICATION NUMBER: US/10/744,465  
 CURRENT FILING DATE: 2003-12-23  
 PRIOR APPLICATION NUMBER: 10/617,334  
 PRIOR FILING DATE: 2003-07-10  
 PRIOR APPLICATION NUMBER: US 09/526,193  
 PRIOR FILING DATE: 2000-03-15  
 PRIOR APPLICATION NUMBER: 60/124,702  
 PRIOR FILING DATE: 1999-03-15  
 PRIOR APPLICATION NUMBER: 60/138,048  
 PRIOR FILING DATE: 1999-06-08  
 PRIOR APPLICATION NUMBER: 60/139,600  
 PRIOR FILING DATE: 1999-06-17  
 PRIOR APPLICATION NUMBER: 60/151,977  
 PRIOR FILING DATE: 1999-09-01  
 NUMBER OF SEQ ID NOS: 287  
 SOFTWARE: FastSeq for Windows Version 4.0  
 SEQ ID NO 205  
 LENGTH: 21  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-744-465-205

Query Match 0.4%; Score 16.4; DB 1; Length 21;  
 Best Local Similarity 94.4%; Pred. No. 4.6e+02;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGAGCTGCTGG 514  
 Db 1 ACACGCTGGAGCTGCTGG 18

RESULT 529  
 US-10-833-679-205  
 Sequence 205, Application US/10833679  
 Publication No. US20040185508A1  
 GENERAL INFORMATION:  
 APPLICANT: Hayden, Michael R.  
 APPLICANT: Brooks-Wilson, Angela R.  
 APPLICANT: Pimstone, Simon N.  
 TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS  
 FILE REFERENCE: 760050-135  
 CURRENT APPLICATION NUMBER: US/10/833,679  
 CURRENT FILING DATE: 2004-04-28  
 PRIOR APPLICATION NUMBER: 10/452,510  
 PRIOR FILING DATE: 2003-06-02  
 PRIOR APPLICATION NUMBER: 10/617,334  
 PRIOR FILING DATE: 2003-07-10  
 PRIOR APPLICATION NUMBER: 09/526,193  
 PRIOR FILING DATE: 2000-03-15  
 PRIOR APPLICATION NUMBER: 60/124,702  
 PRIOR FILING DATE: 1999-03-15  
 PRIOR APPLICATION NUMBER: 60/138,048  
 PRIOR FILING DATE: 1999-06-08  
 PRIOR APPLICATION NUMBER: 60/139,600  
 PRIOR FILING DATE: 1999-06-17  
 PRIOR APPLICATION NUMBER: 60/151,977  
 PRIOR FILING DATE: 1999-09-01  
 NUMBER OF SEQ ID NOS: 287  
 SOFTWARE: PatentIn 3.0  
 SEQ ID NO 205  
 LENGTH: 21  
 TYPE: DNA  
 ORGANISM: Homo sapiens  
 US-10-833-679-205

Query Match 0.4%; Score 16.4; DB 1; Length 21;  
 Best Local Similarity 94.4%; Pred. No. 4.6e+02;  
 Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 497 ACACGCTGGAGCTGCTGG 514  
 Db 1 ACACGCTGGAGCTGCTGG 18

RESULT 530  
 US-09-144-886-15  
 Sequence 15, Application US/09144886  
 Patent No. US20020155114A1  
 GENERAL INFORMATION:  
 APPLICANT: Marks, James D  
 APPLICANT: Amersdorfer, Peter  
 TITLE OF INVENTION: Therapeutic Monoclonal Antibodies That Neutralize  
 TITLE OF INVENTION: Botulinum Neurotoxins  
 FILE REFERENCE: 2500.117USO  
 CURRENT APPLICATION NUMBER: US/09/144,886  
 CURRENT FILING DATE: 1998-08-31  
 NUMBER OF SEQ ID NOS: 98  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 15  
 LENGTH: 23  
 TYPE: DNA  
 ORGANISM: Artificial Sequence  
 FEATURE:  
 OTHER INFORMATION: Description of Artificial Sequence: mouse VH7 back  
 OTHER INFORMATION: primer  
 US-09-144-886-15

Query Match 0.4%; Score 16.4; DB 1; Length 23;  
 Best Local Similarity 77.3%; Pred. No. 5.1e+02;  
 Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 853 GAGGAGGAGCTGGTGGAGCTG 874

```
Db      1  GARGTGAAGCTGGTGGARTCTG 22
||:| | ||||| |||: |||
RESULT 531
US-10-632-706-13
; Sequence 13, Application US/10632706
; Publication No. US20040175385A1
; GENERAL INFORMATION:
; APPLICANT: MARKS, JAMES D.
; APPLICANT: AMERSDORFER, PETER
; TITLE OF INVENTION: THERAPEUTIC MONOCLONAL ANTIBODIES THAT NEUTRALIZE BOTULINUM
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/632,706
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: US 60/400,721
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US 09/144,806
; PRIOR FILING DATE: 1998-08-31
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-10-632-706-13
Query Match      0.4%; Score 16.4; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 5.1e+02;
Matches 17; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY      853  GAGGAGAGCTGGTGGAGGCTG 874
||:| | ||||| |||: |||
Db      1  GARGTGAAGCTGGTGGARTCTG 22
||:| | ||||| |||: |||
RESULT 532
US-10-085-906-21/c
; Sequence 21, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-21
Query Match      0.4%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2835  TATATATAACATATAT 2852
||| ||||| ||||| |||
Db      24  TATATATAAATATATAT 7
||| ||||| ||||| |||
RESULT 533
US-10-085-906-363/c
; Sequence 363, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 363
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-363
Query Match      0.4%; Score 16.4; DB 1; Length 27;
Best Local Similarity 76.9%; Pred. No. 6e+02;
Matches 20; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      2814  TGTATATGCTATATACATATAT 2839
||| ||||| ||||| |||
Db      26  TATATATTTATATATGTATATAT 1
||| ||||| ||||| |||
RESULT 534
US-10-085-906-147/c
; Sequence 147, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 147
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-147
Query Match      0.4%; Score 16.4; DB 1; Length 28;
Best Local Similarity 76.9%; Pred. No. 6.2e+02;
Matches 20; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      3461  TTTATATATCTATATATATATTT 3486
||| ||||| ||||| |||
Db      27  TTTTATTTATTTATTTATTTT 2
||| ||||| ||||| |||
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RESULT 535  
US-10-219-195-38  
; Sequence 38, Application US/10219195  
; Publication No. US20030165917A1  
; GENERAL INFORMATION:  
; APPLICANT: ULLMAN, EDWIN  
; APPLICANT: WU, MING  
; APPLICANT: LIU, YEN PING  
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS  
; FILE REFERENCE: 3817.05-1  
; CURRENT APPLICATION NUMBER: US/10/219,195  
; PRIOR FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: 60/312,505  
; PRIOR FILING DATE: 2001-08-14  
; NUMBER OF SEQ ID NOS: 49  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 38  
; LENGTH: 39  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide  
US-10-219-195-38

Query Match 0.4%; Score 16.4; DB 1; Length 39;  
Best Local Similarity 67.6%; Pred. No. 8.4e+02;  
Matches 23; Conservative 0; Mismatches 11; Indels 0; Gaps 0;  
QY 3310 TTTTCTTTAGGAGATTATTTTGGACTTCAA 3343  
|||||  
DB 2 TTTTCTTTTATTTTATTTTGGCTTGAA 35  
|||||

RESULT 536  
US-10-085-906-412  
; Sequence 412, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 412  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-412

Query Match 0.4%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2319 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2339  
|||||  
DB 1 GTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 21  
|||||

RESULT 537  
US-10-085-906-472

; Sequence 472, Application US/10085906  
; Publication No. US20030054371A1  
; GENERAL INFORMATION:  
; APPLICANT: Ying, Vincent  
; APPLICANT: Wu, Paul  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE  
; FILE REFERENCE: GNN-5343CP2  
; CURRENT APPLICATION NUMBER: US/10/085,906  
; CURRENT FILING DATE: 2002-02-27  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: US 60/126,215  
; PRIOR FILING DATE: 2000-03-24  
; PRIOR APPLICATION NUMBER: PCT/US00/07938  
; PRIOR FILING DATE: 2000-03-24  
; NUMBER OF SEQ ID NOS: 545  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 472  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-10-085-906-472

Query Match 0.4%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2313 TGTCTGTGTGTGTGTGTGTGTGTGTGTGTGT 2333  
|||||  
DB 1 TGTCTCTCTGTGTGTGTGTGTGTGTGTGT 21  
|||||

RESULT 538  
US-10-083-246A-108/c  
; Sequence 108, Application US/10083246A  
; Publication No. US20030152936A1  
; GENERAL INFORMATION:  
; APPLICANT: Athena Diagnostics  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDNE  
; FILE REFERENCE: 1133/2002  
; CURRENT APPLICATION NUMBER: US/10/083,246A  
; CURRENT FILING DATE: 2002-10-15  
; NUMBER OF SEQ ID NOS: 168  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 108  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: (1)..(21)  
; OTHER INFORMATION: Synthetic primer  
US-10-083-246A-108

Query Match 0.4%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 4.9e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 2239 CACCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 2259  
|||||  
DB 21 CACCTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1  
|||||

RESULT 539  
US-10-309-548-18  
; Sequence 18, Application US/10309548  
; Publication No. US20030203416A1  
; GENERAL INFORMATION:  
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE  
; APPLICANT: SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES



```
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2101 GACACCCCGCTCCAGCTCC 2121
Db 1 GAGACTTCCAGCTCCAGCTCC 21

RESULT 544
US-10-786-720-17098/c
; Sequence 17098, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17098
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17098

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2329 GTGTGTCGTGTGTGTGTG 2349
Db 21 GTGTGTCGTGTGTGTGTG 1

RESULT 545
US-10-786-720-17101/c
; Sequence 17101, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17101
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17101

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2327 GTGTGTCGTGTGTGTGTG 2347
Db 21 GTGTGTCGTGTGTGTGTG 1

RESULT 546
US-10-786-720-17104/c
; Sequence 17104, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17104
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17104

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2325 GTGTGTCGTGTGTGTGTG 2345
Db 21 GTGTGTCGTGTGTGTGTG 1

RESULT 547
US-10-786-720-17614/c
; Sequence 17614, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17614
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17614

Query Match 0.4%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2333 GCGTGTGTGTGTGTGTGCA 2353
Db 21 GCTTGTGTGTGTGTGTGTA 1

RESULT 548
US-10-786-720-18283/c
; Sequence 18283, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18283
; LENGTH: 21
; TYPE: DNA
```







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/ PRIOR FILING DATE: 2000-11-17
/ PRIOR APPLICATION NUMBER: US 60/166,410
/ PRIOR FILING DATE: 1999-11-19
/ NUMBER OF SEQ ID NOS: 68
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 11
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Primer
US-09-988-115A-11

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 854 AGGAGGAGCTGGTGGAGGCTG 874
||| ||||| ||||| |||||
Db 2 AGGTGCAGCTGGTGGAGTCTG 22

RESULT 558
US-09-988-115A-17
/ Sequence 17, Application US/09988115A
/ Publication No. US20030037347A1
/ GENERAL INFORMATION:
/ APPLICANT: Robl, James M.
/ APPLICANT: Goldsby, Richard A.
/ APPLICANT: Ferguson, Stacy E.
/ APPLICANT: Kuroiwa, Yoshima
/ APPLICANT: Tomizuka, Kazuma
/ APPLICANT: Ishida, Isaac
/ TITLE OF INVENTION: Expression of Xenogenous (Human)
/ FILE REFERENCE: 50195/008003
/ CURRENT APPLICATION NUMBER: US/09/988,115A
/ PRIOR FILING DATE: 2002-08-09
/ PRIOR APPLICATION NUMBER: US 60/311,625
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: US 60/256,458
/ PRIOR FILING DATE: 2000-12-20
/ PRIOR APPLICATION NUMBER: US 09/714,185
/ PRIOR FILING DATE: 2000-11-17
/ PRIOR APPLICATION NUMBER: US 60/166,410
/ PRIOR FILING DATE: 1999-11-19
/ NUMBER OF SEQ ID NOS: 68
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 17
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Primer
US-09-988-115A-17

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 854 AGGAGGAGCTGGTGGAGGCTG 874
||| ||||| ||||| |||||
Db 2 AGGTGCAGCTGGTGGAGTCTG 22

RESULT 559
US-09-988-115A-24
/ Sequence 24, Application US/09988115A
/ Publication No. US20030037347A1
/ GENERAL INFORMATION:
/ APPLICANT: Robl, James M.
/ APPLICANT: Goldsby, Richard A.
/ APPLICANT: Ferguson, Stacy E.
```

```
/ APPLICANT: Kuroiwa, Yoshima
/ APPLICANT: Tomizuka, Kazuma
/ APPLICANT: Ishida, Isaac
/ TITLE OF INVENTION: Expression of Xenogenous (Human)
/ TITLE OF INVENTION: Immunoglobulins in Cloned, Transgenic Ungulates
/ FILE REFERENCE: 50195/008003
/ CURRENT APPLICATION NUMBER: US/09/988,115A
/ PRIOR FILING DATE: 2002-08-09
/ PRIOR APPLICATION NUMBER: US 60/311,625
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: US 60/256,458
/ PRIOR FILING DATE: 2000-12-20
/ PRIOR APPLICATION NUMBER: US 09/714,185
/ PRIOR FILING DATE: 2000-11-17
/ PRIOR APPLICATION NUMBER: US 60/166,410
/ PRIOR FILING DATE: 1999-11-19
/ NUMBER OF SEQ ID NOS: 68
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 24
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Primer
US-09-988-115A-24

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 854 AGGAGGAGCTGGTGGAGGCTG 874
||| ||||| ||||| |||||
Db 2 AGGTGCAGCTGGTGGAGTCTG 22

RESULT 560
US-10-232-563-20
/ Sequence 20, Application US/10232563
/ Publication No. US20030087394A1
/ GENERAL INFORMATION:
/ APPLICANT: Sharma, Arun
/ TITLE OF INVENTION: INSULIN RELATED TRANSCRIPTION FACTOR AND
/ TITLE OF INVENTION: USES THEREOF
/ FILE REFERENCE: 10276-072001
/ CURRENT APPLICATION NUMBER: US/10/232,563
/ CURRENT FILING DATE: 2002-08-30
/ PRIOR APPLICATION NUMBER: US 60/316,453
/ PRIOR FILING DATE: 2001-08-31
/ NUMBER OF SEQ ID NOS: 22
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 20
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-10-232-563-20

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2103 CACCCCGAGCTCAGCTCCTC 2123
||| ||||| ||||| |||||
Db 3 CACCTCCAGCTTCAGCTGCTC 23

RESULT 561
US-10-388-578-41
/ Sequence 41, Application US/10388578
/ Publication No. US20030224411A1
/ GENERAL INFORMATION:
/ APPLICANT: Geron Corporation
```

```
; APPLICANT: Stanton, Lawrence
; APPLICANT: Ralph, Brandenberger
; APPLICANT: Joseph, Gold D.
; APPLICANT: John, Irving
; APPLICANT: Mandalam, Ramkumar
; APPLICANT: Mok, Michael
; APPLICANT: Shelton, Dawne
; TITLE OF INVENTION: Genes that are Up- or Down-Regulated During Differentiation of Hu
; FILE REFERENCE: 135/001
; CURRENT APPLICATION NUMBER: US/10/388,578
; CURRENT FILING DATE: 2003-03-13
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: Custom
; SEQ ID NO 41
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-388-578-41

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 985 AAAGGCTGGGCTCCGCCACC 1005
Db 3 AAAGGCTGGGCTACGCCTCC 23

RESULT 562
US-10-389-431-41
; Sequence 41, Application US/10389431
; Publication No. US20040180347A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Stanton, Lawrence
; APPLICANT: Ralph, Brandenberger
; APPLICANT: Joseph, Gold D.
; APPLICANT: John, Irving
; APPLICANT: Mandalam, Ramkumar
; APPLICANT: Mok, Michael
; TITLE OF INVENTION: A Marker System for Preparing and Characterizing High-Quality Hum
; FILE REFERENCE: 135/002
; CURRENT APPLICATION NUMBER: US/10/389,431
; CURRENT FILING DATE: 2003-03-13
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-389-431-41

Query Match          0.4%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.4e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 985 AAAGGCTGGGCTCCGCCACC 1005
Db 3 AAAGGCTGGGCTACGCCTCC 23

RESULT 563
US-09-263-959-541
; Sequence 541, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
```

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; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 541:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-541

Query Match          0.4%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2825 TATATACATATATATA 2840
Db 1 TATATACATATATATA 16

RESULT 564
US-09-263-959-544/c
; Sequence 544, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
```

INFORMATION FOR SEQ ID NO: 544:

SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-263-959-544

Query Match 0.4%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2823 TATATATACATATATA 2838

Db 16 TATATATACATATATA 1

RESULT 565

US-10-092-885-27

Sequence 27, Application US/10092885

Publication No. US20030190618A1

GENERAL INFORMATION:

APPLICANT: SAWAL, BABRU

APPLICANT: LI, YUAN

APPLICANT: HERMIDA, LEANDRO C.

APPLICANT: HOPPA, NANCY L.

APPLICANT: JOHE, KARL K.

TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG

TITLE OF INVENTION: LIBRARIES OF CDNAS

FILE REFERENCE: 0109015/026

CURRENT APPLICATION NUMBER: US/10/092,885

CURRENT FILING DATE: 2002-03-06

NUMBER OF SEQ ID NOS: 60

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 27

LENGTH: 16

TYPE: DNA

ORGANISM: Homo sapiens

US-10-092-885-27

Query Match 0.4%; Score 16; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGT 2350

Db 1 GTGTGTGTGTGTGTGT 16

RESULT 566

US-10-138-674-6068

Sequence 6068, Application US/10138674

Publication No. US20040077565A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6068

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-10-138-674-6068

Query Match 0.4%; Score 16; DB 1; Length 16;

Best Local Similarity 50.0%; Pred. No. 3.9e+02;  
Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGT 2332

Db 1 CUGUGUGUGUGUGUGU 16

RESULT 567

US-10-138-674-6069

Sequence 6069, Application US/10138674

Publication No. US20040077565A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/138,674

CURRENT FILING DATE: 2002-05-03

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6069

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-10-138-674-6069

Query Match 0.4%; Score 16; DB 1; Length 16;  
Best Local Similarity 50.0%; Pred. No. 3.9e+02;  
Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGT 2350

Db 1 GUGUGUGUGUGUGUGU 16

RESULT 568

US-10-287-949A-6068

Sequence 6068, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 6068

LENGTH: 16

TYPE: RNA

ORGANISM: Homo sapiens

US-10-287-949A-6068

Query Match 0.4%; Score 16; DB 1; Length 16;  
Best Local Similarity 50.0%; Pred. No. 3.9e+02;  
Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2317 CTGTGTGTGTGTGTGT 2332

Db 1 CUGUGUGUGUGUGUGU 16

RESULT 569

Best Local Similarity	100.0%;	Pred. No. 4.2e+02;	Indels	0;	Gaps	0;
Matches	16;	Conservative	0;	Mismatches	0;	
QY	2318	TGTTGTGTGTGTGTG 2333				
Db	1	TGTTGTGTGTGTGTG 16				
<p>RESULT 571</p> <p>US-09-263-959-705</p> <p>; Sequence 705, Application US/09263959</p> <p>; Patent No. US20020150891A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Hood, Leroy E.</p> <p>; APPLICANT: Rowen, Lee</p> <p>; APPLICANT: Koop, Ben F.</p> <p>; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE</p> <p>; NUMBER OF SEQUENCES: 1279</p> <p>; CORRESPONDENCE ADDRESS:</p> <p>; ADDRESSEE: Seed and Berry LLP</p> <p>; STREET: 6300 Columbia Center, 701 Fifth Avenue</p> <p>; CITY: Seattle</p> <p>; STATE: Washington</p> <p>; COUNTRY: US</p> <p>; ZIP: 98104-7092</p> <p>; COMPUTER READABLE FORM:</p> <p>; MEDIUM TYPE: Floppy disk</p> <p>; COMPUTER: IBM PC compatible</p> <p>; OPERATING SYSTEM: PC-DOS/MS-DOS</p> <p>; SOFTWARE: PatentIn Release #1.0, Version #1.25</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: US/09/263,959</p> <p>; FILING DATE: 05-MAR-1999</p> <p>; CLASSIFICATION:</p> <p>; ATTORNEY/AGENT INFORMATION:</p> <p>; NAME: McWaters, David D.</p> <p>; REGISTRATION NUMBER: 33,963</p> <p>; REFERENCE/DOCKET NUMBER: 920010.426C2</p> <p>; TELECOMMUNICATION INFORMATION:</p> <p>; TELEPHONE: (206) 622-4900</p> <p>; TELEFAX: (206) 682-6031</p> <p>; INFORMATION FOR SEQ ID NO: 705:</p> <p>; SEQUENCE CHARACTERISTICS:</p> <p>; LENGTH: 17 base pairs</p> <p>; TYPE: nucleic acid</p> <p>; STRANDEDNESS: single</p> <p>; TOPOLOGY: linear</p> <p>; US-09-263-959-705</p> <p>Query Match 0.4%; Score 16; DB 1; Length 17;</p> <p>Best Local Similarity 100.0%; Pred. No. 4.2e+02;</p> <p>Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;</p>						
QY	2318	TGTTGTGTGTGTGTG 2333				
Db	1	TGTTGTGTGTGTGTG 16				
<p>RESULT 572</p> <p>US-09-263-959-970</p> <p>; Sequence 970, Application US/09263959</p> <p>; Patent No. US20020150891A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Hood, Leroy E.</p> <p>; APPLICANT: Rowen, Lee</p> <p>; APPLICANT: Koop, Ben F.</p> <p>; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE</p> <p>; NUMBER OF SEQUENCES: 1279</p> <p>; CORRESPONDENCE ADDRESS:</p> <p>; ADDRESSEE: Seed and Berry LLP</p> <p>; STREET: 6300 Columbia Center, 701 Fifth Avenue</p> <p>; CITY: Seattle</p> <p>; STATE: Washington</p>						

; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/263,959  
; FILING DATE: 05-MAR-1999  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 920010.426C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 970:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-263-959-970

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333  
DB 1 TGTGTGTGTGTGTG 16

RESULT 573  
US-09-958-221A-16  
; Sequence 16, Application US/09958221A  
; Publication No. US20030017471A1  
; GENERAL INFORMATION:  
; APPLICANT: Haeringen van, Willem A.  
; APPLICANT: Haeringen van, Hendrik  
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS  
; FILE REFERENCE: 92750/64  
; CURRENT APPLICATION NUMBER: US/09/958,221A  
; CURRENT FILING DATE: 2001-10-03  
; PRIOR APPLICATION NUMBER: EP 00200757.3  
; PRIOR FILING DATE: 2000-03-03  
; PRIOR APPLICATION NUMBER: PCT/NL01/00177  
; PRIOR FILING DATE: 2001-03-05  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 16  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-958-221A-16

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333  
DB 2 TGTGTGTGTGTGTG 17

RESULT 574  
US-09-958-221A-17  
; Sequence 17, Application US/09958221A  
; Publication No. US20030017471A1

; GENERAL INFORMATION:  
; APPLICANT: Haeringen van, Willem A.  
; APPLICANT: Haeringen van, Hendrik  
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS  
; FILE REFERENCE: 92750/64  
; CURRENT APPLICATION NUMBER: US/09/958,221A  
; CURRENT FILING DATE: 2001-10-03  
; PRIOR APPLICATION NUMBER: EP 00200757.3  
; PRIOR FILING DATE: 2000-03-03  
; PRIOR APPLICATION NUMBER: PCT/NL01/00177  
; PRIOR FILING DATE: 2001-03-05  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 17  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-958-221A-17

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333  
DB 2 TGTGTGTGTGTGTG 17

RESULT 575  
US-09-958-221A-19/c  
; Sequence 19, Application US/09958221A  
; Publication No. US20030017471A1  
; GENERAL INFORMATION:  
; APPLICANT: Haeringen van, Willem A.  
; APPLICANT: Haeringen van, Hendrik  
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS  
; FILE REFERENCE: 92750/64  
; CURRENT APPLICATION NUMBER: US/09/958,221A  
; CURRENT FILING DATE: 2001-10-03  
; PRIOR APPLICATION NUMBER: EP 00200757.3  
; PRIOR FILING DATE: 2000-03-03  
; PRIOR APPLICATION NUMBER: PCT/NL01/00177  
; PRIOR FILING DATE: 2001-03-05  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 19  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-958-221A-19

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTG 2333  
DB 17 TGTGTGTGTGTGTG 2

RESULT 576  
US-09-958-221A-21/c  
; Sequence 21, Application US/09958221A  
; Publication No. US20030017471A1  
; GENERAL INFORMATION:  
; APPLICANT: Haeringen van, Willem A.  
; APPLICANT: Haeringen van, Hendrik  
; TITLE OF INVENTION: UNIVERSAL VARIABLE FRAGMENTS  
; FILE REFERENCE: 92750/64

; CURRENT APPLICATION NUMBER: US/09/958,221A  
; CURRENT FILING DATE: 2001-10-03  
; PRIOR APPLICATION NUMBER: EP 00200757.3  
; PRIOR FILING DATE: 2000-03-03  
; PRIOR APPLICATION NUMBER: PCT/NL01/00177  
; PRIOR FILING DATE: 2001-03-05  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 21  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-958-221A-21

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.2e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333  
|||||  
Db 17 TGTGTGTGTGTGTG 2

RESULT 577  
US-10-138-674-8984  
; Sequence 8984, Application US/10138674  
; Publication No. US20040077565A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/138,674  
; CURRENT FILING DATE: 2002-05-03  
; NUMBER OF SEQ ID NOS: 20822  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8984  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-138-674-8984

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 4.2e+02;  
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1796 AGAGTGACGCTGGTC 1811  
|||||  
Db 1 AGAGUGACGUGUGUC 16

RESULT 578  
US-10-287-949A-8984  
; Sequence 8984, Application US/10287949A  
; Publication No. US20040102389A1  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00-876-N (400/049)  
; CURRENT APPLICATION NUMBER: US/10/287,949A  
; CURRENT FILING DATE: 2003-04-11  
; NUMBER OF SEQ ID NOS: 20822

; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 8984  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-10-287-949A-8984

Query Match 0.4%; Score 16; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 4.2e+02;  
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1796 AGAGTGACGCTGGTC 1811  
|||||  
Db 1 AGAGUGACGUGUGUC 16

RESULT 579  
US-10-763-992-15  
; Sequence 15, Application US/10763992  
; Publication No. US20040121397A1  
; GENERAL INFORMATION:  
; APPLICANT: COHEN, Maurice  
; FRIEDMAN, Paula N.  
; GORDON, Julian N.  
; HODGES, Steven C.  
; KLASS, Michael R.  
; KRATOCHVIL, Jon D.  
; ROBERTS-RAPP, Lisa  
; RUSSELL, John C.  
; STROUBE, Steven D.  
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE PROSTATE  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Abbott Laboratories  
; STREET: 100 Abbott Park Road  
; CITY: Abbott Park  
; STATE: IL  
; COUNTRY: USA  
; ZIP: 60064-3500  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/763,992  
; FILING DATE: 22-Jan-2004  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/418,887  
; FILING DATE: 15-OCT-1999  
; APPLICATION NUMBER: US/08/946,869  
; FILING DATE: 08-Oct-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Becker, Cheryl L.  
; REGISTRATION NUMBER: 35,441  
; REFERENCE/DOCKET NUMBER: 5697, US.P1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 847/935-1729  
; TELEFAX: 847/938-2623  
; TELEX: <Unknown>  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:  
US-10-763-992-15

Query Match 0.4%; Score 16; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.4e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TGCGTGTGTGTCTGC 847  
 Db 3 TGCGTGTGTGTCTGC 18

RESULT 580  
 US-09-918-186A-235  
 ; Sequence 235, Application US/09918186A  
 ; Patent No. US20020137708A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: C. Frank Bennett  
 ; APPLICANT: Elizabeth J. Ackermann  
 ; APPLICANT: Eric E. Swayze  
 ; APPLICANT: Lex M. Cowse  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
 ; FILE REFERENCE: ISPH-0585  
 ; CURRENT APPLICATION NUMBER: US/09/918,186A  
 ; CURRENT FILING DATE: 2001-07-30  
 ; PRIOR APPLICATION NUMBER: 09/496,694  
 ; PRIOR FILING DATE: 2000-02-02  
 ; PRIOR APPLICATION NUMBER: 09/286,407  
 ; PRIOR FILING DATE: 1999-04-05  
 ; PRIOR APPLICATION NUMBER: 09/163,162  
 ; PRIOR FILING DATE: 1998-09-29  
 ; NUMBER OF SEQ ID NOS: 250  
 ; SEQ ID NO 235  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-09-918-186A-235

Query Match 0.4%; Score 16; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2830 ACATATATATATATAA 2845  
 Db 1 ACATATATATATATAA 16

RESULT 581  
 US-10-357-488-26  
 ; Sequence 26, Application US/10357488  
 ; Publication No. US20030194730A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Centre For DNA Fingerprinting and Diagnostics  
 ; TITLE OF INVENTION: No. US20030194730A1el FISSR-PCR primers and markers and a method  
 ; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bre  
 ; TITLE OF INVENTION: varieties.  
 ; FILE REFERENCE: 782-indian  
 ; CURRENT APPLICATION NUMBER: US/10/357,488  
 ; CURRENT FILING DATE: 2003-02-04  
 ; PRIOR APPLICATION NUMBER: 260/MAS/2002  
 ; PRIOR FILING DATE: 2002-04-08  
 ; NUMBER OF SEQ ID NOS: 37  
 ; SOFTWARE: Patent in version 3.1  
 ; SEQ ID NO 26  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes  
 US-10-357-488-26

Query Match 0.4%; Score 16; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGT 2350

Db 1 GTGTGTGTGTGTGTGT 16

RESULT 582  
 US-10-181-316-235  
 ; Sequence 235, Application US/10181316  
 ; Publication No. US20030211607A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: C. Frank Bennett  
 ; APPLICANT: Elizabeth J. Ackermann  
 ; APPLICANT: Eric E. Swayze  
 ; APPLICANT: Lex M. Cowse  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
 ; FILE REFERENCE: ISPH-0650  
 ; CURRENT APPLICATION NUMBER: US/10/181,316  
 ; CURRENT FILING DATE: 2002-07-16  
 ; PRIOR APPLICATION NUMBER: PCT/US01/029939  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: 09/496,694  
 ; PRIOR FILING DATE: 2000-02-02  
 ; PRIOR APPLICATION NUMBER: 09/286,407  
 ; PRIOR FILING DATE: 1999-04-05  
 ; PRIOR APPLICATION NUMBER: 09/163,162  
 ; PRIOR FILING DATE: 1998-09-29  
 ; NUMBER OF SEQ ID NOS: 249  
 ; SEQ ID NO 235  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-10-181-316-235

Query Match 0.4%; Score 16; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2830 ACATATATATATATAA 2845  
 Db 1 ACATATATATATATAA 16

RESULT 583  
 US-10-467-008-110/c  
 ; Sequence 110, Application US/10467008  
 ; Publication No. US20040116366A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Isis Pharmaceuticals, Inc.  
 ; APPLICANT: Brett P. Monia  
 ; APPLICANT: Jacqueline Wyatt  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT BI  
 ; TITLE OF INVENTION: EXPRESSION  
 ; FILE REFERENCE: ISPH-0746  
 ; CURRENT APPLICATION NUMBER: US/10/467,008  
 ; CURRENT FILING DATE: 2003-08-01  
 ; PRIOR APPLICATION NUMBER: PCT/US02/02805  
 ; PRIOR FILING DATE: 2002-01-31  
 ; PRIOR APPLICATION NUMBER: US 09/780,045  
 ; PRIOR FILING DATE: 2001-02-09  
 ; NUMBER OF SEQ ID NOS: 135  
 ; SEQ ID NO 110  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-10-467-008-110

Query Match 0.4%; Score 16; DB 1; Length 20;  
 Best Local Similarity 100.0%; Pred. No. 5e+02;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



QY 2823 TATATATACATATATA 2838  
Db 16 TATATATACATATATA 1

RESULT 584  
US-10-763-992-20/c  
; Sequence 20, Application US/10763992  
; Publication No. US20040121397A1  
; GENERAL INFORMATION:  
; APPLICANT: COHEN, Maurice  
; FRIEDMAN, Paula N.  
; GORDON, Julian  
; HODGES, Steven C.  
; KLASS, Michael R.  
; KRATOCHVIL, Jon D.  
; ROBERTS-RAPP, Lisa  
; RUSSELL, John C.  
; STROUPE, Steven D.  
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL  
; FOR DETECTING DISEASES OF THE PROSTATE  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Abbott Laboratories  
; STREET: 100 Abbott Park Road  
; CITY: Abbott Park  
; STATE: IL  
; COUNTRY: USA  
; ZIP: 60064-3500  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10763,992  
; FILING DATE: 22-Jan-2004  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/418,887  
; FILING DATE: 15-OCT-1999  
; APPLICATION NUMBER: US/08/946,869  
; FILING DATE: 08-Oct-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Becker, Cheryl L.  
; REGISTRATION NUMBER: 35,441  
; REFERENCE/DOCKET NUMBER: 5697.US.P1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 847/935-1729  
; TELEFAX: 847/938-2623  
; TELEX: <Unknown>  
; INFORMATION FOR SEQ ID NO: 20:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
US-10-763-992-20

Query Match 0.4%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TGGCTGGTGGTGTGC 847  
Db 16 TGGCTGGTGGTGTGC 1

RESULT 585  
US-10-671-395-1374/c  
; Sequence 1374, Application US/10671395  
; Publication No. US20040132063A1

; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1374  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1374

Query Match 0.4%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333  
Db 20 TGTGTGTGTGTGTGTG 5

RESULT 586  
US-10-671-395-1427/c  
; Sequence 1427, Application US/10671395  
; Publication No. US20040132063A1  
; GENERAL INFORMATION:  
; APPLICANT: Pharmacia Corp.  
; APPLICANT: Gierse, James K  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: 1179/1/US  
; CURRENT APPLICATION NUMBER: US/10/671,395  
; CURRENT FILING DATE: 2003-09-25  
; PRIOR APPLICATION NUMBER: 60/413,549  
; PRIOR FILING DATE: 2002-09-25  
; NUMBER OF SEQ ID NOS: 1809  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1427  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: artificial  
; FEATURE:  
; OTHER INFORMATION: Human PGE2 antisense  
US-10-671-395-1427

Query Match 0.4%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GTGTGTGTGTGTGTGT 2350  
Db 20 GTGTGTGTGTGTGTGT 5

RESULT 587  
US-10-087-229-1  
; Sequence 1, Application US/10087229  
; Publication No. US20030162184A1  
; GENERAL INFORMATION:  
; APPLICANT: Chou, Quin  
; APPLICANT: Cabradilla, Cirilo D.  
; TITLE OF INVENTION: Methods of Using FET Labeled  
; Oligonucleotides That Include a 3'-5' Exonuclease Resistant  
; TITLE OF INVENTION: Quencher Domain and Compositions for Practicing the Same  
; FILE REFERENCE: BIOS-001

; CURRENT APPLICATION NUMBER: US/10/087,229  
; CURRENT FILING DATE: 2002-02-27  
; NUMBER OF SEQ ID NOS: 22  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-10-087-229-1

Query Match 0.4%; Score 16; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1873 GTGGAGGAGCTCTTCA 1888  
Db 5 GTGGAGGAGCTCTTCA 20  
|||||

RESULT 588  
US-10-222-943A-1  
; Sequence 1, Application US/10222943A  
; Publication No. US20030165920A1  
; GENERAL INFORMATION:  
; APPLICANT: Chou, Quin  
; APPLICANT: Cabradilla JR, Cirilo D.  
; TITLE OF INVENTION: Methods of Using FET Labeled  
; TITLE OF INVENTION: Oligonucleotides That Include a 3'-5' Exonuclease Resistant  
; TITLE OF INVENTION: Quencher Domain and Compositions for Practicing the Same  
; FILE REFERENCE: BIOS-001CIP  
; CURRENT APPLICATION NUMBER: US/10/222,943A  
; CURRENT FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: 10/087,229  
; PRIOR FILING DATE: 2002-02-27  
; NUMBER OF SEQ ID NOS: 25  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: human  
US-10-222-943A-1

Query Match 0.4%; Score 16; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1873 GTGGAGGAGCTCTTCA 1888  
Db 5 GTGGAGGAGCTCTTCA 20  
|||||

RESULT 589  
US-10-786-720-11540/c  
; Sequence 11540, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; TITLE OF INVENTION: DISEASES  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 11540  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNai-sense strand  
US-10-786-720-11540

Query Match 0.4%; Score 16; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 5.3e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333  
Db 16 TGTGTGTGTGTGTGTG 1  
|||||

RESULT 590  
US-10-786-720-11541  
; Sequence 11541, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE  
; TITLE OF INVENTION: DISEASES  
; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 11541  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNai-antisense strand  
US-10-786-720-11541

Query Match 0.4%; Score 16; DB 1; Length 21;  
Best Local Similarity 50.0%; Pred. No. 5.3e+02;  
Matches 8; Conservative 8; Mismatches 0; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTG 2333  
Db 4 UGUGUGUGUGUGUGUG 19  
:|:|:|:|:|:|

RESULT 591  
US-10-357-935-30  
; Sequence 30, Application US/10357935  
; Publication No. US20030165958A1  
; GENERAL INFORMATION:  
; APPLICANT: HARDY, John Anthony  
; APPLICANT: GONTE, Alison Mary  
; APPLICANT: MULLAN, Michael John  
; APPLICANT: CHARTIER-HARLIN, Marie-Christine  
; APPLICANT: OWEN, Michael John  
; TITLE OF INVENTION: Test and Model for Alzheimer's Disease  
; NUMBER OF SEQUENCES: 44  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend Khourie and Crew  
; STREET: 379 Lytton Avenue  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: US  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; OPERATING SYSTEM: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/10/357,935  
; FILING DATE: 03-Feb-2003  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/464,250  
; FILING DATE: 05-Jun-1995  
; APPLICATION NUMBER: 08/104,165  
; FILING DATE: 21-JAN-1992  
; APPLICATION NUMBER: 9101307.8

; FILING DATE: 21-JAN-1991  
; APPLICATION NUMBER: 9118445.7  
; FILING DATE: 28-AUG-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Liebeschuetz, Joe  
; REGISTRATION NUMBER: 37,505  
; REFERENCE/DOCKET NUMBER: 16163-000100  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 326-2400  
; TELEFAX: (415) 326-2422  
; INFORMATION FOR SEQ ID NO: 30:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 22 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (Primer)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:  
US-10-357-935-30

Query Match 0.4%; Score 16; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 5.5e+02;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3365 AAATCTCTTAATGTC 3380  
|||||  
DB 6 AAATCTCTTAATGTC 21

RESULT 592  
US-09-725-265-5  
; Sequence 5, Application US/09725265  
; Publication No. US20010000175A1  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; FILE REFERENCE: 199953US0XDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-5

Query Match 0.4%; Score 16; DB 1; Length 30;  
Best Local Similarity 79.2%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497  
|||||  
DB 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 593  
US-09-725-265-8  
; Sequence 8, Application US/09725265

; Publication No. US200100000175A1  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; APPLICANT: KOYAMA, OSAMU  
; APPLICANT: FURUSHO, KENTA  
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI  
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT  
; FILE REFERENCE: 199953US0XDIV  
; CURRENT APPLICATION NUMBER: US/09/725,265  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 09/556,127  
; PRIOR FILING DATE: 2000-04-20  
; PRIOR APPLICATION NUMBER: JP 1999-111601  
; PRIOR FILING DATE: 1999-04-20  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 8  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: ARTIFICIAL SEQUENCE  
; FEATURE:  
; OTHER INFORMATION: SYNTHETIC DNA  
US-09-725-265-8

Query Match 0.4%; Score 16; DB 1; Length 30;  
Best Local Similarity 79.2%; Pred. No. 7.6e+02;  
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497  
|||||  
DB 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 594  
US-09-891-517-6  
; Sequence 6, Application US/09891517  
; Patent No. US20020108653A1  
; GENERAL INFORMATION:  
; APPLICANT: KURANE, RYUICHIRO  
; APPLICANT: KANAGAWA, TAKAHIRO  
; APPLICANT: KANAGATA, YOICHI  
; APPLICANT: TORIMURA, MASAKI  
; APPLICANT: KURATA, SHINYA  
; APPLICANT: YAMADA, KAZUTAKA  
; APPLICANT: YOKOMAKU, TOYOKAZU  
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS C  
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA C  
; FILE REFERENCE: 210352US-1994-163-0-X  
; CURRENT APPLICATION NUMBER: US/09/891,517  
; CURRENT FILING DATE: 2001-06-27  
; PRIOR APPLICATION NUMBER: JP2000-193133  
; PRIOR FILING DATE: 2000-06-27  
; PRIOR APPLICATION NUMBER: JP2000-236115  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: JP2000-292483  
; PRIOR FILING DATE: 2000-09-26  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 6  
; LENGTH: 30  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic DNA  
US-09-891-517-6

Query Match 0.4%; Score 16; DB 1; Length 30;

Best Local Similarity 79.2%; Pred. No. 7.6e+02; Indels 5; Gaps 0; Mismatches 0;

Matches 19; Conservative 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497

Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 595

US-09-891-517-8

; Sequence 8, Application US/09891517

; Publication No. US20020106653A1

; GENERAL INFORMATION:

; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KAMAGATA, YOICHI

; APPLICANT: TORIMURA, MASAKI

; APPLICANT: KURATA, SHINYA

; APPLICANT: YAMADA, KAZUTAKA

; APPLICANT: YOKOMAKU, TOYOKAZU

; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS

; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA

; TITLE OF INVENTION: METHOD

; FILE REFERENCE: 210352US-1994-163-0-X

; CURRENT APPLICATION NUMBER: US/09/891,517

; PRIOR FILING DATE: 2001-06-27

; CURRENT APPLICATION NUMBER: JP2000-193133

; PRIOR FILING DATE: 2000-06-27

; PRIOR APPLICATION NUMBER: JP2000-236115

; PRIOR FILING DATE: 2000-08-03

; PRIOR APPLICATION NUMBER: JP2000-292483

; PRIOR FILING DATE: 2000-09-26

; NUMBER OF SEQ ID NOS: 108

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 8

; LENGTH: 30

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic DNA

US-09-891-517-8

Query Match 0.4%; Score 16; DB 1; Length 30;

Best Local Similarity 79.2%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497

Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 596

US-10-209-608-5

; Sequence 5, Application US/10209608

; Publication No. US20030082592A1

; GENERAL INFORMATION:

; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KAMAGATA, YOICHI

; APPLICANT: YAMADA, KAZUTAKA

; APPLICANT: YOKOMAKU, TOYOKAZU

; APPLICANT: KOYAMA, OSAMU

; APPLICANT: FURUSHO, KENTA

; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL

; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT

; TITLE OF INVENTION: THE METHOD

; FILE REFERENCE: 199953US0XDIV

; CURRENT APPLICATION NUMBER: US/10/209,608

; PRIOR FILING DATE: 2002-08-01

; CURRENT APPLICATION NUMBER: US/09/725,265

; PRIOR FILING DATE: 2000-11-29

; PRIOR APPLICATION NUMBER: US 09/556,127

; PRIOR FILING DATE: 2000-04-20

; PRIOR APPLICATION NUMBER: JP 1999-111601

; PRIOR FILING DATE: 1999-04-20

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 8

; LENGTH: 30

; TYPE: DNA

; ORGANISM: ARTIFICIAL SEQUENCE

; FEATURE:

; OTHER INFORMATION: SYNTHETIC DNA

US-10-209-608-5

Query Match 0.4%; Score 16; DB 1; Length 30;

Best Local Similarity 79.2%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497

Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 597

US-10-209-608-8

; Sequence 8, Application US/10209608

; Publication No. US20030082592A1

; GENERAL INFORMATION:

; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KAMAGATA, YOICHI

; APPLICANT: YAMADA, KAZUTAKA

; APPLICANT: YOKOMAKU, TOYOKAZU

; APPLICANT: KOYAMA, OSAMU

; APPLICANT: FURUSHO, KENTA

; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL

; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA

; TITLE OF INVENTION: THE METHOD

; FILE REFERENCE: 199953US0XDIV

; CURRENT APPLICATION NUMBER: US/10/209,608

; PRIOR FILING DATE: 2002-08-01

; CURRENT APPLICATION NUMBER: US/09/725,265

; PRIOR FILING DATE: 2000-11-29

; PRIOR APPLICATION NUMBER: US 09/556,127

; PRIOR FILING DATE: 2000-04-20

; PRIOR APPLICATION NUMBER: JP 1999-111601

; PRIOR FILING DATE: 1999-04-20

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 8

; LENGTH: 30

; TYPE: DNA

; ORGANISM: ARTIFICIAL SEQUENCE

; FEATURE:

; OTHER INFORMATION: SYNTHETIC DNA

US-10-209-608-8

Query Match 0.4%; Score 16; DB 1; Length 30;

Best Local Similarity 79.2%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497

Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 598

US-10-683-386-5

; Sequence 5, Application US/10683386

; Publication No. US20040063137A1

; GENERAL INFORMATION:

; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KAMAGATA, YOICHI

; APPLICANT: YAMADA, KAZUTAKA

; PRIOR APPLICATION NUMBER: JP 1999-111601

; PRIOR FILING DATE: 1999-04-20

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 5

; LENGTH: 30

; TYPE: DNA

; ORGANISM: ARTIFICIAL SEQUENCE

; FEATURE:

; OTHER INFORMATION: SYNTHETIC DNA

US-10-209-608-5

Query Match 0.4%; Score 16; DB 1; Length 30;

Best Local Similarity 79.2%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497

Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 597

US-10-209-608-8

; Sequence 8, Application US/10209608

; Publication No. US20030082592A1

; GENERAL INFORMATION:

; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KAMAGATA, YOICHI

; APPLICANT: YAMADA, KAZUTAKA

; APPLICANT: YOKOMAKU, TOYOKAZU

; APPLICANT: KOYAMA, OSAMU

; APPLICANT: FURUSHO, KENTA

; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOL

; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DATA

; TITLE OF INVENTION: THE METHOD

; FILE REFERENCE: 199953US0XDIV

; CURRENT APPLICATION NUMBER: US/10/209,608

; PRIOR FILING DATE: 2002-08-01

; CURRENT APPLICATION NUMBER: US/09/725,265

; PRIOR FILING DATE: 2000-11-29

; PRIOR APPLICATION NUMBER: US 09/556,127

; PRIOR FILING DATE: 2000-04-20

; PRIOR APPLICATION NUMBER: JP 1999-111601

; PRIOR FILING DATE: 1999-04-20

; NUMBER OF SEQ ID NOS: 70

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 8

; LENGTH: 30

; TYPE: DNA

; ORGANISM: ARTIFICIAL SEQUENCE

; FEATURE:

; OTHER INFORMATION: SYNTHETIC DNA

US-10-209-608-8

Query Match 0.4%; Score 16; DB 1; Length 30;

Best Local Similarity 79.2%; Pred. No. 7.6e+02;

Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3474 ATATATATAATTATTGAGTTTTT 3497

Db 1 ATATATATTTTTTTTGTGTTTTT 24

RESULT 598

US-10-683-386-5

; Sequence 5, Application US/10683386

; Publication No. US20040063137A1

; GENERAL INFORMATION:

; APPLICANT: KURANE, RYUICHIRO

; APPLICANT: KANAGAWA, TAKAHIRO

; APPLICANT: KAMAGATA, YOICHI

; APPLICANT: YAMADA, KAZUTAKA

```

RESULT 600
US-10-418-182-65
; Sequence 65, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-65

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Query Match	0.4%;	Score 16;	DB 1;	Length 36;
Best Local Similarity	79.2%;	Pred. No. 8.9e+02;		
Matches 19;	Conservative 0;	Mismatches 5;	Indels 0;	Gaps 0;
Qy	3262	TATTTTATTGCTTTCCTTTT	3285	
Db	1	TTTTTTTTTTCCTTTTCTTTT	24	

```

RESULT 601
US-10-219-195-36
; Sequence 36, Application US/10219195
; Publication NO. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: WU, MING
; APPLICANT: LIU, YEN PING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-219-195-36

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	Query Match	0.4%	Score 16;	DB 1;	Length 39;
	Best Local Similarity	68.8%;	Pred. No.	9.5e+02;	
	Matches 22;	Conservative	0;	Mismatches 10;	Indels 0; Gaps 0;
Qy	3262	TATTTTATTTCCTTTGCTCTTTTCAGAGAA	3293		
Dd	3	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGAGCA	34		

APPLICANT: Mujtaba, Iamilla  
TITLE OF INVENTION: A Common Neural Progenitor for the CNS and PNS

```
/
/ NUMBER OF SEQUENCES: 26
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Thorpe, No. US20020045251A1th & Western, L.L.P.
/ STREET: P.O. Box 1219
/ CITY: Sandy
/ STATE: Utah
/ COUNTRY: USA
/ ZIP: 84091-1219
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
/ COMPUTER: Compaq Presario 4540
/ OPERATING SYSTEM: Windows 95
/ SOFTWARE: Word Perfect 8.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/073,881
/ FILING DATE:
/ CLASSIFICATION:
/ PRIORITY APPLICATION DATA:
/ APPLICATION NUMBER: 08/852,744
/ FILING DATE: 07-MAY-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Alan J. Howarth
/ REGISTRATION NUMBER: 36,553
/ REFERENCE/DOCKET NUMBER: T4903.CIP
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (801)566-6633
/ TELEFAX: (801)566-0750
/ INFORMATION FOR SEQ ID NO: 2:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-073-881-2

Query Match 0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

/
/ RESULT 603
/ US-09-263-959-427/c
/ Sequence 427, Application US/09263959
/ Patent No. US20020150891A1
/ GENERAL INFORMATION:
/ APPLICANT: Hood, Leroy E.
/ APPLICANT: Rowen, Lee
/ APPLICANT: Koop, Ben F.
/ TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTIL
/ NUMBER OF SEQUENCES: 1279
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Seed and Berry LLP
/ STREET: 6300 Columbia Center, 701 Fifth Avenue
/ CITY: Seattle
/ STATE: Washington
/ COUNTRY: US
/ ZIP: 98104-7092
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/263,959
/ FILING DATE: 05-MAR-1999
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Mcmasters, David D.
/ REGISTRATION NUMBER: 33,963
```

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/
/ REFERENCE/DOCKET NUMBER: 920010.426C2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (206) 622-4900
/ TELEFAX: (206) 682-6031
/ INFORMATION FOR SEQ ID NO: 427:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-263-959-427

Query Match 0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

/
/ QY 2834 ATATATATATACATATAT 2852
/ DB 19 ATATATATATATATATAT 1

/
/ RESULT 604
/ US-10-251-117-154
/ Sequence 154, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor Re
/ FILE REFERENCE: 900/042 (MBHB02-468-A)
/ CURRENT APPLICATION NUMBER: US/10/251,117
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US 60/393,924
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 154
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
/ US-10-251-117-154

Query Match 0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 5.1e+02;
Matches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

/
/ QY 1672 ATCGCAGACTTCGGGCTGG 1690
/ DB 1 AUAACAGACUUCGGGCUUG 19

/
/ RESULT 605
/ US-10-251-117-158
/ Sequence 158, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor Re
/ FILE REFERENCE: 900/042 (MBHB02-468-A)
/ CURRENT APPLICATION NUMBER: US/10/251,117
```

```
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US 60/393,924
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 158
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense i
US-10-251-117-158

Query Match          0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.1e+02;
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1744 CCGTGAAGTGGATGGCGC 1762
    ||| : ||| : ||| : |||
Db 1 CCCAUCAGUGGAGCGC 19

RESULT 606
US-10-251-117-403/c
/ Sequence 403, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
/ FILE REFERENCE: 900/042 (MHB02-468-A)
/ CURRENT APPLICATION NUMBER: US/10/251,117
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US 60/393,924
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 403
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-403

Query Match          0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1672 ATCCGACTTCGGCTGG 1690
    ||| : ||| : ||| : |||
Db 19 ATTACAGACTTCGGCTGG 1

RESULT 607
US-10-251-117-407/c
```

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/ Sequence 407, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
/ FILE REFERENCE: 900/042 (MHB02-468-A)
/ CURRENT APPLICATION NUMBER: US/10/251,117
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US 60/393,924
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 407
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-407

Query Match          0.4%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1744 CCGTGAAGTGGATGGCGC 1762
    ||| : ||| : ||| : |||
Db 19 CCCATCAAGTGGATGGCGC 1

RESULT 608
US-10-665-951-158
/ Sequence 158, Application US/10665951
/ Publication No. US20040138163A1
/ GENERAL INFORMATION:
/ APPLICANT: Sirna Therapeutics, Inc.
/ APPLICANT: McSwiggen, James
/ APPLICANT: Beigelman, Leonid
/ APPLICANT: Favco, Pamela
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
/ TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
/ FILE REFERENCE: 400/131 (MHB02-742-F)
/ CURRENT APPLICATION NUMBER: US/10/665,951
/ CURRENT FILING DATE: 2003-09-18
/ PRIOR APPLICATION NUMBER: US 10/664,668
/ PRIOR FILING DATE: 2003-09-18
/ PRIOR APPLICATION NUMBER: PCT/US 03/05022
/ PRIOR FILING DATE: 2003-02-20
/ PRIOR APPLICATION NUMBER: US 60/399,348
/ PRIOR FILING DATE: 2002-07-29
/ PRIOR APPLICATION NUMBER: US 60/393,796
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/287,949
/ PRIOR FILING DATE: 2002-11-04
/ PRIOR APPLICATION NUMBER: US 10/306,747
/ PRIOR FILING DATE: 2002-11-27
/ PRIOR APPLICATION NUMBER: PCT/US 02/17674
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 60/363,124
/ PRIOR FILING DATE: 2002-03-11
/ PRIOR APPLICATION NUMBER: US 60/386,782
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19 GTGAAAATGCTGAAAGAGG 1

Db 19 GTGAAAATGCTGAAAGAGG 1

RESULT 610

US-10-665-951-1650

; Sequence 1650, Application US/10665951

; Publication No. US20040138163A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/131 (MHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: US 10/664,668

; PRIOR FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: PCT/US 03/05022

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: US 10/287,949

; PRIOR FILING DATE: 2002-11-04

; PRIOR APPLICATION NUMBER: US 10/306,747

; PRIOR FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: PCT/US 02/17674

; PRIOR FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2455

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1650

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re

US-10-665-951-1650

Query Match 0.4%; Score 15.8; DB 1; Length 19;

Best Local Similarity 68.4%; Pred. No. 5.1e+02;

Mismatches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

1288 GTAGCGTGAAGATGCTGA 1306

1 GUGGCGGUGAAAAAUGCUGA 19

Db 1 GUGGCGGUGAAAAAUGCUGA 19

RESULT 611

US-10-665-951-1687

; Sequence 1687, Application US/10665951

; Publication No. US20040138163A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/131 (MHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18

19 GTGAAAATGCTGAAAGAGG 1

Db 19 GTGAAAATGCTGAAAGAGG 1

RESULT 610

US-10-665-951-1650

; Sequence 1650, Application US/10665951

; Publication No. US20040138163A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/131 (MHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: US 10/664,668

; PRIOR FILING DATE: 2003-09-18

; PRIOR APPLICATION NUMBER: PCT/US 03/05022

; PRIOR FILING DATE: 2003-02-20

; PRIOR APPLICATION NUMBER: US 60/399,348

; PRIOR FILING DATE: 2002-07-29

; PRIOR APPLICATION NUMBER: US 60/393,796

; PRIOR FILING DATE: 2002-07-03

; PRIOR APPLICATION NUMBER: US 10/287,949

; PRIOR FILING DATE: 2002-11-04

; PRIOR APPLICATION NUMBER: US 10/306,747

; PRIOR FILING DATE: 2002-11-27

; PRIOR APPLICATION NUMBER: PCT/US 02/17674

; PRIOR FILING DATE: 2002-05-29

; PRIOR APPLICATION NUMBER: US 60/358,580

; PRIOR FILING DATE: 2002-02-20

; PRIOR APPLICATION NUMBER: US 60/363,124

; PRIOR FILING DATE: 2002-03-11

; PRIOR APPLICATION NUMBER: US 60/386,782

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 2455

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 1650

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense re

US-10-665-951-1650

Query Match 0.4%; Score 15.8; DB 1; Length 19;

Best Local Similarity 68.4%; Pred. No. 5.1e+02;

Mismatches 13; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

1288 GTAGCGTGAAGATGCTGA 1306

1 GUGGCGGUGAAAAAUGCUGA 19

Db 1 GUGGCGGUGAAAAAUGCUGA 19

RESULT 611

US-10-665-951-1687

; Sequence 1687, Application US/10665951

; Publication No. US20040138163A1

; GENERAL INFORMATION:

; APPLICANT: Sirna Therapeutics, Inc.

; APPLICANT: McSwiggen, James

; APPLICANT: Beigelman, Leonid

; APPLICANT: Pavco, Pamela

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial

; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor

; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)

; FILE REFERENCE: 400/131 (MHB02-742-F)

; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18



Qy 1288 GTAGCCGTGAAGATGCTGA 1306

Db 19 GTGCGCGTGAATGCTGA 1  
|| ||||| ||||| |||||  
RESULT 614  
US-10-665-951-1934/c  
; Sequence 1934, Application US/10665951  
; Publication No. US20040138163A1  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; APPLICANT: Pavco, Pamela  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/131 (MBHB02-742-F)  
; CURRENT APPLICATION NUMBER: US/10/665,951  
; CURRENT FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: US 10/664,668  
; PRIOR FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 03/05022  
; PRIOR FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 60/399,348  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US 60/393,796  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/287,949  
; PRIOR FILING DATE: 2002-11-04  
; PRIOR APPLICATION NUMBER: US 10/306,747  
; PRIOR FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: PCT/US 02/17674  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2455  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1934  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-665-951-1934  
Query Match 0.4%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1807 TGGTCCTTTGGGCTCTGC 1825  
|| ||||| ||||| |||||  
Db 19 TGGTCCTTTGGGCTCTGC 1  
|| ||||| ||||| |||||  
RESULT 615  
US-10-665-951-1935/c  
; Sequence 1935, Application US/10665951  
; Publication No. US20040138163A1  
; GENERAL INFORMATION:  
; APPLICANT: Sirna Therapeutics, Inc.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Beigelman, Leonid  
; APPLICANT: Pavco, Pamela  
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial  
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor  
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)  
; FILE REFERENCE: 400/131 (MBHB02-742-F)  
; CURRENT APPLICATION NUMBER: US/10/665,951

; CURRENT FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: US 10/664,668  
; PRIOR FILING DATE: 2003-09-18  
; PRIOR APPLICATION NUMBER: PCT/US 03/05022  
; PRIOR FILING DATE: 2003-02-20  
; PRIOR APPLICATION NUMBER: US 60/399,348  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: US 60/393,796  
; PRIOR FILING DATE: 2002-07-03  
; PRIOR APPLICATION NUMBER: US 10/287,949  
; PRIOR FILING DATE: 2002-11-04  
; PRIOR APPLICATION NUMBER: US 10/306,747  
; PRIOR FILING DATE: 2002-11-27  
; PRIOR APPLICATION NUMBER: PCT/US 02/17674  
; PRIOR FILING DATE: 2002-05-29  
; PRIOR APPLICATION NUMBER: US 60/358,580  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/363,124  
; PRIOR FILING DATE: 2002-03-11  
; PRIOR APPLICATION NUMBER: US 60/386,782  
; PRIOR FILING DATE: 2002-06-06  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 2455  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 1935  
; LENGTH: 19  
; TYPE: RNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region  
US-10-665-951-1935  
Query Match 0.4%; Score 15.8; DB 1; Length 19;  
Best Local Similarity 89.5%; Pred. No. 5.1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1825 CTCCTGGGAGATCTTCACGC 1843  
|| ||||| ||||| |||||  
Db 19 CTCCTGGGAGATCTTCCTC 1  
|| ||||| ||||| |||||  
RESULT 616  
US-09-898-361-133/c  
; Sequence 133, Application US/09898361  
; Publication No. US20030008732A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan Murray  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
; TITLE OF INVENTION: EXPRESSION  
; FILE REFERENCE: RTS-0158  
; CURRENT APPLICATION NUMBER: US/09/898,361  
; CURRENT FILING DATE: 2001-06-21  
; NUMBER OF SEQ ID NOS: 163  
; SEQ ID NO 133  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-361-133  
Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1453 AAGGGTAACCTCGGGAGT 1471  
|| ||||| ||||| |||||  
Db 20 AAGGGCAACCTCGAGGAGT 2  
|| ||||| ||||| |||||  
RESULT 617  
US-09-950-935-12

Sequence 12, Application US/09950935  
Publication No. US20030032022A1  
GENERAL INFORMATION:  
APPLICANT: Hill, Joseph A.  
TITLE OF INVENTION: Variants of IL-1 Beta Gene CD46 Gene for Diagnosing Unexplained  
TITLE OF INVENTION: Pregnancy Loss  
FILE REFERENCE: B0801/7227 (ERP)  
CURRENT APPLICATION NUMBER: US/09/950,935  
PRIOR FILING DATE: 2001-09-12  
CURRENT APPLICATION NUMBER: US60/231,785  
PRIOR FILING DATE: 2000-09-12  
NUMBER OF SEQ ID NOS: 24  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 12  
LENGTH: 20  
TYPE: DNA  
ORGANISM: homo sapiens  
US-09-950-935-12

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2333 CGCTGTGTCGTGTCGTG 2351  
|||TTTTTTTTTTT||  
Db 1 GCTTGTCGTGTCGTGTCG 19

RESULT 618  
US-09-888-361-133/c  
Sequence 133, Application US/09888361  
Publication No. US20030064944A1  
GENERAL INFORMATION:  
APPLICANT: Susan Murray  
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
TITLE OF INVENTION: EXPRESSION  
FILE REFERENCE: RTS-0158  
CURRENT APPLICATION NUMBER: US/09/888,361  
CURRENT FILING DATE: 2001-06-21  
NUMBER OF SEQ ID NOS: 163  
SEQ ID NO 133  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-888-361-133

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1453 AAGCGTAACCTGCAGGACT 1471  
|||||TTTTTTTTT||  
Db 20 AAGGGCAACCTGCAGGACT 2

RESULT 619  
US-09-920-677-24/c  
Sequence 24, Application US/09920677  
Publication No. US20030083284A1  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowbert  
TITLE OF INVENTION: ANTISENSE MODULATION OF P70 S6 KINASE EXPRESSION  
FILE REFERENCE: RTS-0245  
CURRENT APPLICATION NUMBER: US/09/920,677  
CURRENT FILING DATE: 2001-08-01  
NUMBER OF SEQ ID NOS: 49  
SEQ ID NO 24  
LENGTH: 20

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-243-035-5

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1869 CCCTGTGGAGGAGCTCTTC 1887
Db 2 CCCAGTGGAGGAGCCCTTC 20

RESULT 622
US-10-184-191-5/c
; Sequence 5, Application US/10184191
; Publication No. US20030096377A1
; GENERAL INFORMATION:
; APPLICANT: Meng, Xiang-Jin
; TITLE OF INVENTION: Differential PCR-RFLP Assay for Detecting and Distinguishing Between
; FILE REFERENCE: AM100732
; CURRENT APPLICATION NUMBER: US/10/184,191
; CURRENT FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Porcine circovirus
US-10-184-191-5

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2420 CTGCTGTGCAACGGTCTCC 2438
Db 20 CTGCTGTGCAACGGTCACC 2

RESULT 623
US-10-143-266-6
; Sequence 6, Application US/10143266
; Publication No. US20030106887A1
; GENERAL INFORMATION:
; APPLICANT: Ranum, Laura
; APPLICANT: Day, John
; TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U
; FILE REFERENCE: 110.01580101
; CURRENT APPLICATION NUMBER: US/10/143,266
; CURRENT FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: 60/290,365
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 60/302,022
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 60/337,831
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-143-266-6

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2325 GTGTGTGTGCGTGTGTGTG 2343
Db 1 GTGTGTGTGCAATTGTGTG 19

RESULT 624
US-10-006-191-136
; Sequence 136, Application US/10006191
; Publication No. US20030144223A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
; FILE REFERENCE: RTS-0274
; CURRENT APPLICATION NUMBER: US/10/006,191
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-136

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2824 ATATATACATATATATATA 2842
Db 2 AAATATATATATATATATA 20

RESULT 625
US-10-006-191-136/c
; Sequence 136, Application US/10006191
; Publication No. US20030144223A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
; FILE REFERENCE: RTS-0274
; CURRENT APPLICATION NUMBER: US/10/006,191
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 136
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-136

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATATACATATATATAT 2841
Db 20 TATATATATATATATATTT 2

RESULT 626
US-10-238-442-65/c
; Sequence 65, Application US/10238442
; Publication No. US20030176383A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert

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; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen  
; FILE OF INVENTION: Activated Protein Kinase Expression  
; FILE REFERENCE: ISPH-0488  
; CURRENT APPLICATION NUMBER: US/10/238,442  
; PRIOR FILING DATE: 2002-09-09  
; PRIOR APPLICATION NUMBER: 09/640,101  
; PRIOR FILING DATE: 2000-08-15  
; PRIOR APPLICATION NUMBER: 09/286,904  
; PRIOR FILING DATE: 1999-04-06  
; NUMBER OF SEQ ID NOS: 107  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 65  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-10-238-442-65

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 43 GGGCCCCAGCGCTGCAGG 61  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GTCCCGCAGCGCTGCAGG 2

RESULT 627  
US-10-144-488-53/c  
; Sequence 53, Application US/10144488  
; Publication No. US20030212017A1  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monla  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF FARNESYL TRANSFERASE BETA SUBUNIT EXPRESSION  
; FILE REFERENCE: RTS-0363  
; CURRENT APPLICATION NUMBER: US/10/144,488  
; CURRENT FILING DATE: 2002-05-10  
; NUMBER OF SEQ ID NOS: 80  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-144-488-53

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3727 AAACCGCAGGTCGATTT 3745  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 AAGCCGCAGATGCGATTT 2

RESULT 628  
US-10-177-573-63  
; Sequence 63, Application US/10177573  
; Publication No. US20030236206A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3R1 EXPRESSION  
; FILE REFERENCE: RTS-0364  
; CURRENT APPLICATION NUMBER: US/10/177,573  
; CURRENT FILING DATE: 2002-06-20  
; NUMBER OF SEQ ID NOS: 104  
; SEQ ID NO 63  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-177-573-63

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2826 ATATACATATATATATATA 2844  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 ATTACATATGTATATATA 19

RESULT 629  
US-10-177-573-63/c  
; Sequence 63, Application US/10177573  
; Publication No. US20030236206A1  
; GENERAL INFORMATION:  
; APPLICANT: Susan M. Freier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3R1 EXPRESSION  
; FILE REFERENCE: RTS-0364  
; CURRENT APPLICATION NUMBER: US/10/177,573  
; CURRENT FILING DATE: 2002-06-20  
; NUMBER OF SEQ ID NOS: 104  
; SEQ ID NO 63  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-10-177-573-63

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2823 TATATACATATATATAT 2841  
| | | | | | | | | | | | | | | | | | | | | |  
Db 19 TATATACATATGTAAAT 1

RESULT 630  
US-10-188-883-53  
; Sequence 53, Application US/10188883  
; Publication No. US20040006005A1  
; GENERAL INFORMATION:  
; APPLICANT: Bhanot, Sanjay  
; TITLE OF INVENTION: USE OF INTEGRIN-LINKED KINASE INHIBITORS FOR TREATING INSULIN RESI  
; FILE REFERENCE: ISPH-0887  
; CURRENT APPLICATION NUMBER: US/10/188,883  
; CURRENT FILING DATE: 2002-07-02  
; NUMBER OF SEQ ID NOS: 92  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 53  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide.  
US-10-188-883-53

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 GAGGAGCTGGTGGAGCTG 874  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 GAGGAGCTGGTGGAGCTG 20

RESULT 631  
US-10-296-242-5/c  
; Sequence 5, Application US/10296242

```

; Publication No. US20040073958A1
; GENERAL INFORMATION:
; APPLICANT: KATSUKI Motoya
; APPLICANT: KAWATAKI, Tetsuya
; APPLICANT: TERANISHI, Yutaka
; APPLICANT: ISHIDA, Mitsuyoshi
; APPLICANT: KATO, Minoru
; TITLE OF INVENTION: Transgenic Animal Having Drug Metabolizing Enzyme Gene and Use
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: P23039
; CURRENT APPLICATION NUMBER: US/10/296,242
; CURRENT FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: PCT/JP02/01555
; PRIOR FILING DATE: 2002-02-21
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sense Primer
US-10-296-242-5

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      842 TGCTGCCAGCCGAGGAGGA 860
Db      20 TGCTGCCAGCCGAGGAGGA 2

RESULT 632
US-10-300-611-64
; Sequence 64, Application US/10300611
; Publication No. US20040097451A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NIBOGEN EXPRESSION
; FILE REFERENCE: PTS-0059
; CURRENT APPLICATION NUMBER: US/10/300,611
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 136
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-611-64

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2822 GTATATATACATATATA 2840
Db      2 GTATATATACATATATGTA 20

RESULT 633
US-10-302-028-16
; Sequence 16, Application US/10302028
; Publication No. US20040102392A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas W. Dobie
; TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
; FILE REFERENCE: HTS-0060
; CURRENT APPLICATION NUMBER: US/10/302,028

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```

; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-028-16

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      196 GCTGAGGCACAGGTGTGG 214
Db      2 GCTCAGGGCACAGGTGTGG 20

RESULT 634
US-10-302-028-53/c
; Sequence 53, Application US/10302028
; Publication No. US20040102392A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas W. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
; FILE REFERENCE: HTS-0060
; CURRENT APPLICATION NUMBER: US/10/302,028
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-302-028-53

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      196 GCTGAGGCACAGGTGTGG 214
Db      19 GCTCAGGGCACAGGTGTGG 1

RESULT 635
US-10-317-391-40
; Sequence 40, Application US/10317391
; Publication No. US20040115634A1
; GENERAL INFORMATION:
; APPLICANT: William R. Shanahan, Jr.
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF STAT 6 EXPRESSION
; FILE REFERENCE: PTS-0010
; CURRENT APPLICATION NUMBER: US/10/317,391
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-391-40

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

QY 2317 CTCTGTGTGTGTGTGTGCG 2335  
 |||||  
 Db 2 CTCTGTGTGTGTGTGCG 20

RESULT 636

US-10-317-391-108/c  
 ; Sequence 108, Application US/10317391  
 ; Publication No. US20040115634A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: William R. Shanahan, Jr.  
 ; APPLICANT: Susan M. Freier  
 ; APPLICANT: Kenneth W. Dobie  
 ; TITLE OF INVENTION: MODULATION OF STAT 6 EXPRESSION  
 ; FILE REFERENCE: PTS-0010  
 ; CURRENT APPLICATION NUMBER: US/10/317,391  
 ; CURRENT FILING DATE: 2002-12-11  
 ; NUMBER OF SEQ ID NOS: 138  
 ; SEQ ID NO 108  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-10-317-391-108

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
 Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2317 CTCTGTGTGTGTGTGCG 2335  
 |||||  
 Db 19 CTCTGTGTGTGTGTGCG 1

RESULT 637

US-10-319-893-54  
 ; Sequence 54, Application US/10319893  
 ; Publication No. US20040115649A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kenneth W. Dobie  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC5 EXPRESSION  
 ; FILE REFERENCE: RTS-0419  
 ; CURRENT APPLICATION NUMBER: US/10/319,893  
 ; CURRENT FILING DATE: 2002-12-12  
 ; NUMBER OF SEQ ID NOS: 157  
 ; SEQ ID NO 54  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 US-10-319-893-54

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
 Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2687 AGGCTTCCCACTTCCAC 2705  
 |||||  
 Db 2 AGGTTTTCACCTTCCAC 20

RESULT 638

US-10-319-893-129/c  
 ; Sequence 129, Application US/10319893  
 ; Publication No. US20040115649A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Kenneth W. Dobie  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF ABC5 EXPRESSION  
 ; FILE REFERENCE: RTS-0419  
 ; CURRENT APPLICATION NUMBER: US/10/319,893  
 ; CURRENT FILING DATE: 2002-12-12  
 ; NUMBER OF SEQ ID NOS: 157  
 ; SEQ ID NO 129

; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: H. sapiens  
 ; FEATURE:  
 US-10-319-893-129

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
 Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2687 AGGCTTCCCACTTCCAC 2705  
 |||||  
 Db 19 AGGTTTTCACCTTCCAC 1

RESULT 639

US-10-671-395-1011/c  
 ; Sequence 1011, Application US/10671395  
 ; Publication No. US20040132063A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pharmacia Corp.  
 ; APPLICANT: Gierse, James K.  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
 ; FILE REFERENCE: 1179/1/US  
 ; CURRENT APPLICATION NUMBER: US/10/671,395  
 ; CURRENT FILING DATE: 2003-09-25  
 ; PRIOR APPLICATION NUMBER: 60/413,549  
 ; PRIOR FILING DATE: 2002-09-25  
 ; NUMBER OF SEQ ID NOS: 1809  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 1011  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: Human PGE2 antisense  
 US-10-671-395-1011

Query Match 0.4%; Score 15.8; DB 1; Length 20;  
 Best Local Similarity 89.5%; Pred. No. 5.4e+02;  
 Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGTGTGTGTGT 2340  
 |||||  
 Db 19 TGTGTGTGTGTGTGTGTGT 1

RESULT 640

US-10-671-395-1107/c  
 ; Sequence 1107, Application US/10671395  
 ; Publication No. US20040132063A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Pharmacia Corp.  
 ; APPLICANT: Gierse, James K.  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE  
 ; FILE REFERENCE: 1179/1/US  
 ; CURRENT APPLICATION NUMBER: US/10/671,395  
 ; CURRENT FILING DATE: 2003-09-25  
 ; PRIOR APPLICATION NUMBER: 60/413,549  
 ; PRIOR FILING DATE: 2002-09-25  
 ; NUMBER OF SEQ ID NOS: 1809  
 ; SOFTWARE: PatentIn version 3.2  
 ; SEQ ID NO 1107  
 ; LENGTH: 20  
 ; TYPE: DNA  
 ; ORGANISM: artificial  
 ; FEATURE:  
 ; OTHER INFORMATION: Human PGE2 antisense  
 US-10-671-395-1107

Query Match 0.4%; Score 15.8; DB 1; Length 20;

```
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 TGTGTGTCGCTGTGTGTGT 2344
Db 20 TGTGTGCCCCGTGTGTGTGT 2

RESULT 641
US-10-671-395-1696/c
; Sequence 1696, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1696
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1696

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGTG 2333
Db 19 GTATGTGTATGTGTGTGTG 1

RESULT 642
US-10-671-395-1711/c
; Sequence 1711, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1711
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1711

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2315 GTCTGTGTGTGTGTGTGTG 2333
Db 20 GTATGTGTATGTGTGTGTG 2
```

```
RESULT 643
US-10-664-639A-36/c
; Sequence 36, Application US/10664639A
; Publication No. US20040137471A1
; GENERAL INFORMATION:
; APPLICANT: Vickers, Timothy
; APPLICANT: Koo, Seongjoon
; APPLICANT: Bennett, C. Frank
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Dean, Nicholas, M.
; APPLICANT: Baker, Brenda F.
; TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
; FILE REFERENCE: ISIS0001-100 (CORE00027US)
; CURRENT APPLICATION NUMBER: US/10/664,639A
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: misc.feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
; NAME/KEY: misc.feature
; LOCATION: (15)..(20)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
US-10-664-639A-36

Query Match 0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2318 TGTGTGTGTGTGTGTGCGT 2336
Db 20 TGTGTGTGTGTGTGTGTGTGT 2

RESULT 644
US-10-641-455A-65/c
; Sequence 65, Application US/10641455A
; Publication No. US20040171566A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Wai Shiu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-641-455A-65

Query Match      0.4%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 43 GGGCCCCAGCGGTGTCAGG 61
    |||||
Db 20 GTGCCGCGAGCGGTGTCAGG 2

RESULT 645
US-10-786-720-11534/c
; Sequence 11534, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11534
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11534

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 GTGTGTGTGTCGTGTGTG 2341
    |||||
Db 19 GCGTGTGTGTGTCATGTGTG 1

RESULT 646
US-10-786-720-11543/c
; Sequence 11543, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11543
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11543

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2331 GTCCGTGTGTGTGTGTGTG 2349
    |||||
Db 19 GTGGATGTGTGTGTGTGTGTG 1

RESULT 647
US-10-786-720-11662/c
; Sequence 11662, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11662
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-11662

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 TGTGTGTGTGCACATCCGC 2360
    |||||
Db 21 TGTGTGTGTGCACAGGCGC 3

RESULT 648
US-10-786-720-11663/c
; Sequence 11663, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11663
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-11663

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 TGTGTGTGTGCACATCCGC 2360
    |||||
Db 19 TGTGTGTGTGCACAGGCGC 1

RESULT 649
US-10-786-720-12986
; Sequence 12986, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
```

; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 12986  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNai-sense strand  
US-10-786-720-12986

Query Match 0.4%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 73.7%; Pred. No. 5.6e+02;  
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 2104 ACCCCAGCTCCAGCTCCT 2122  
||| ||||| ||||| ||||| |||||  
Db 2 ACUCCAGCUCGAGCUCCU 20

RESULT 650  
US-10-786-720-17097  
; Sequence 17097, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 17097  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNai-antisense strand  
US-10-786-720-17097

Query Match 0.4%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 42.1%; Pred. No. 5.6e+02;  
Matches 8; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 2332 TGCCTGTGTGTGTGTGTGTG 2350  
||| ||||| ||||| ||||| |||||  
Db 2 UGUGUGUGUGUGUGUGUGU 20

RESULT 651  
US-10-786-720-17109  
; Sequence 17109, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 17109  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNai-antisense strand  
US-10-786-720-17109

Query Match 0.4%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 42.1%; Pred. No. 5.6e+02;  
Matches 8; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGTGTGTGTGTGT 2340  
||| ||||| ||||| ||||| |||||  
Db 2 UGUGUGUGUGUGUGUGUGU 20

RESULT 652  
US-10-786-720-17456/c  
; Sequence 17456, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 17456  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNai-sense strand  
US-10-786-720-17456

Query Match 0.4%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 GTGTGTGTGTGTGTGTGTGTG 2341  
||||| ||||| ||||| ||||| |||||  
Db 19 GTGTGTGTCTGTGTGTGTG 1

RESULT 653  
US-10-786-720-17615/c  
; Sequence 17615, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)  
; CURRENT APPLICATION NUMBER: US/10/786,720  
; CURRENT FILING DATE: 2004-02-26  
; NUMBER OF SEQ ID NOS: 21135  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 17615  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: RNai-sense strand  
US-10-786-720-17615

Query Match 0.4%; Score 15.8; DB 1; Length 21;  
Best Local Similarity 89.5%; Pred. No. 5.6e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2333 GCGTGTGTGTGTGTGTGTGTG 2351  
||||| ||||| ||||| ||||| |||||  
Db 19 GCTTGTGTCTGTGTGTGTG 1

RESULT 654  
US-10-786-720-17616  
; Sequence 17616, Application US/10786720  
; Publication No. US20040191818A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: O'Toole, Margot  
; APPLICANT: Liu, Wei

```
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17616
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-17616

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 47.4%; Pred. No. 5.6e+02;
Matches 9; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 2333 GCGTGTGTGTGTGTGTGTG 2351
DB 1 GCUUGUGUGUCUGUGUGU 19

RESULT 655
US-10-786-720-18282
; Sequence 18282, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18282
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-18282

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 42.1%; Pred. No. 5.6e+02;
Matches 8; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 2332 TCGTGTGTGTGTGTGTGTG 2350
DB 2 UGCUUGUGUGUCUGUGUGU 20

RESULT 656
US-10-786-720-18294
; Sequence 18294, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18294
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-18294
```

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Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 42.1%; Pred. No. 5.6e+02;
Matches 8; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TGTGTGTGTGTGCGTGTGT 2340
DB 2 UGUGUGUGUCUGUCUGUGU 20

RESULT 657
US-10-786-720-18644/c
; Sequence 18644, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18644
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-18644

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 GTGTGTGTGTGCGTGTGTG 2341
DB 19 GTGTGTGTCTGTGTGTG 1

RESULT 658
US-10-786-720-18803/c
; Sequence 18803, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18803
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-18803

Query Match      0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2333 GCGTGTGTGTGTGTGTGTG 2351
DB 19 GCTTGTGTGTCTGTGTGTG 1

RESULT 659
US-10-786-720-18804
; Sequence 18804, Application US/10786720
; Publication No. US20040191818A1
```

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; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18804
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-18804

Query Match          0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 47.4%; Pred. No. 5.6e+02;
Matches 9; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 2333 GCCTGTGTGTGTGTGTG 2351
DB 1 GCUUGUGUGUCUGUGUG 19

RESULT 660
US-10-786-720-20858/c
; Sequence 20858, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20858
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-sense strand
US-10-786-720-20858

Query Match          0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1349 AGATGGAGATGATGAAGAT 1367
DB 20 AGATGAAGAGGATGAAGAT 2

RESULT 661
US-10-786-720-20989/c
; Sequence 20989, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20989
; LENGTH: 21
```

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20989

Query Match          0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1349 AGATGGAGATGATGAAGAT 1367
DB 20 AGATGAAGAGGATGAAGAT 2

RESULT 662
US-10-786-720-20991
; Sequence 20991, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20991
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai-antisense strand
US-10-786-720-20991

Query Match          0.4%; Score 15.8; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1349 AGATGGAGATGATGAAGAT 1367
DB 2 AGAUGAAGAGGAUGAAGAU 20

RESULT 663
US-10-159-339-88
; Sequence 88, Application US/10159339
; Publication No. US20030166540A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,
; FILE REFERENCE: D0169NP
; CURRENT APPLICATION NUMBER: US/10/159,339
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: US 60/294,411
; PRIOR FILING DATE: 2001-05-30
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 88
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-159-339-88

Query Match          0.4%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 5.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2596 CCTCCACACCCCAAGCT 2614
DB 1 CCTGCCACACCCACAGCT 19
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RESULT 664
US-09-725-265-9
; Sequence 9, Application US/09725265
; Publication No. US2001000175A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/09/725,265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 3259 AGATATTTTATTTGCTTTGCTCTTTT 3285
Db 3 ATATATTTTCTTTCTTTTCTTTTCTTTT 29

RESULT 665
US-09-891-517-9
; Sequence 9, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINYA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; TITLE OF INVENTION: NUCLEIC ACID BY USING THE PROBES, AND METHOD FOR ANALYZING DATA
; TITLE OF INVENTION: METHOD
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JP2000-193133
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 3259 AGATATTTTATTTGCTTTGCTCTTTT 3285
Db 3 ATATATTTTCTTTCTTTTCTTTTCTTTT 29

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US-09-891-517-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 3259 AGATATTTTATTTGCTTTGCTCTTTT 3285
Db 3 ATATATTTTCTTTCTTTTCTTTTCTTTT 29

RESULT 666
US-10-209-608-9
; Sequence 9, Application US/10209608
; Publication No. US20030082592A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 199953USOXDIV
; CURRENT APPLICATION NUMBER: US/10/209,608
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: US/09/725,265
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-209-608-9

Query Match      0.4%; Score 15.8; DB 1; Length 30;
Best Local Similarity 74.1%; Pred. No. 8.1e+02;
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy 3259 AGATATTTTATTTGCTTTGCTCTTTT 3285
Db 3 ATATATTTTCTTTCTTTTCTTTTCTTTT 29

RESULT 667
US-10-683-386-9
; Sequence 9, Application US/10683386
; Publication No. US20040063137A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGATA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 0163-0758-0X
; CURRENT APPLICATION NUMBER: US/10/683,386
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US/09/556,127

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; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-683-386-9

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Query Match 0.4%; Score 15.8; DB 1; Length 30;  
Best Local Similarity 74.1%; Pred. No. 8.1e+02;  
Matches 20; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

**Qy** 3259 AGATATTTTATTGCTTTGTCCTTTTT 3285  
| | | | | | | | | | | |  
**Db** 3 ATATATTTTTCCTTTTTTTTTTTT 29

RESULT 668

```

US-09-920-581-9
/ Sequence 9, Application US/09920581
/ Patent No. US20020151073A1
GENERAL INFORMATION:
/ APPLICANT: Christensen, Tove
/ TITLE OF INVENTION: A Transcription
/ FILE REFERENCE: 484,204-US
/ CURRENT APPLICATION NUMBER: US/09/
/ CURRENT FILING DATE: 2001-08-01
/ PRIOR APPLICATION NUMBER: 09/197,8
/ PRIOR FILING DATE: 1998-11-23
/ PRIOR APPLICATION NUMBER: PCT/DK97
/ PRIOR FILING DATE: 1997-07-07
/ NUMBER OF SEQ ID NOS: 14
/ SOFTWARE: Fastseq for Windows Vers
/ SEQ ID NO 9
/ LENGTH: 41
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ - OTHER INFORMATION: Primer
US-09-920-581-9

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Query Match 0.4%; Score 15.8; DB 1; Length 41;  
Best Local Similarity 65.7%; Pred. No. 1e+03;  
Matches 23: Conservative 0; Mismatches 12; Indels 0; Gaps 0;

[illegible]

## RESULT 669

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US-10-371-421-9
; Sequence 9, Application US/10371421
; Publication No. US20030148500A1
; GENERAL INFORMATION:
; APPLICANT: Christensen, Tove
; TITLE OF INVENTION: A Transcription Factor
; FILE REFERENCE: 484.224-US
; CURRENT APPLICATION NUMBER: US/10/371,421
; CURRENT FILING DATE: 2003-02-20
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer

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US-10-371-421-9

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Query Match      0.4%; Score 15.8; DB 1; Length 41;
Best Local Similarity 65.%; Pred. No. 1e+03;
Matches 23; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

Qy 3300 TCTATAGGATTTTCTTTAGGAGATTATTTTT 3334
Db 1 TTTTGTGAAGCTTTTTTTTTTTTTTTTTTTTTTTT 35

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## RESULT 670

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US-09-876-235-12/c
; Sequence 12, Application US/09876235
; Publication No. US2003002236A1
; GENERAL INFORMATION:
; APPLICANT: Szoatak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/876.235
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/247,190
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 42
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-876-235-12

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Query Match	0.4%	Score 15.8;	DB 1;	Length 42;
Best Local Similarity	74.1%	Pred. No. 1.1e+03;		
Matches 20: Conservative	0;	Mismatches 7;	Indels 0;	Gaps 0;

**Qy** 3262 TATTTATTGCTTGTCCTTTTTCAG 3288  
| | | | | | | | | |  
**Db** 37 TTTTATTTTATTTTATTTTATTTTTCAG 11

RESULT 671

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US-09-782-837-15
; Sequence 15, Application US/09782837
; Patent No. US20020127714A1
; GENERAL INFORMATION:
; APPLICANT: HOUSMAN, DAVID E.
; APPLICANT: LEDLEY, FRED D.
; APPLICANT: STANTON, VINCENT P., JR.
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
; TITLE OF INVENTION: CHANGES
; FILE REFERENCE: 233/055
; CURRENT APPLICATION NUMBER: US/09/782,837
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 09/045,054
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

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